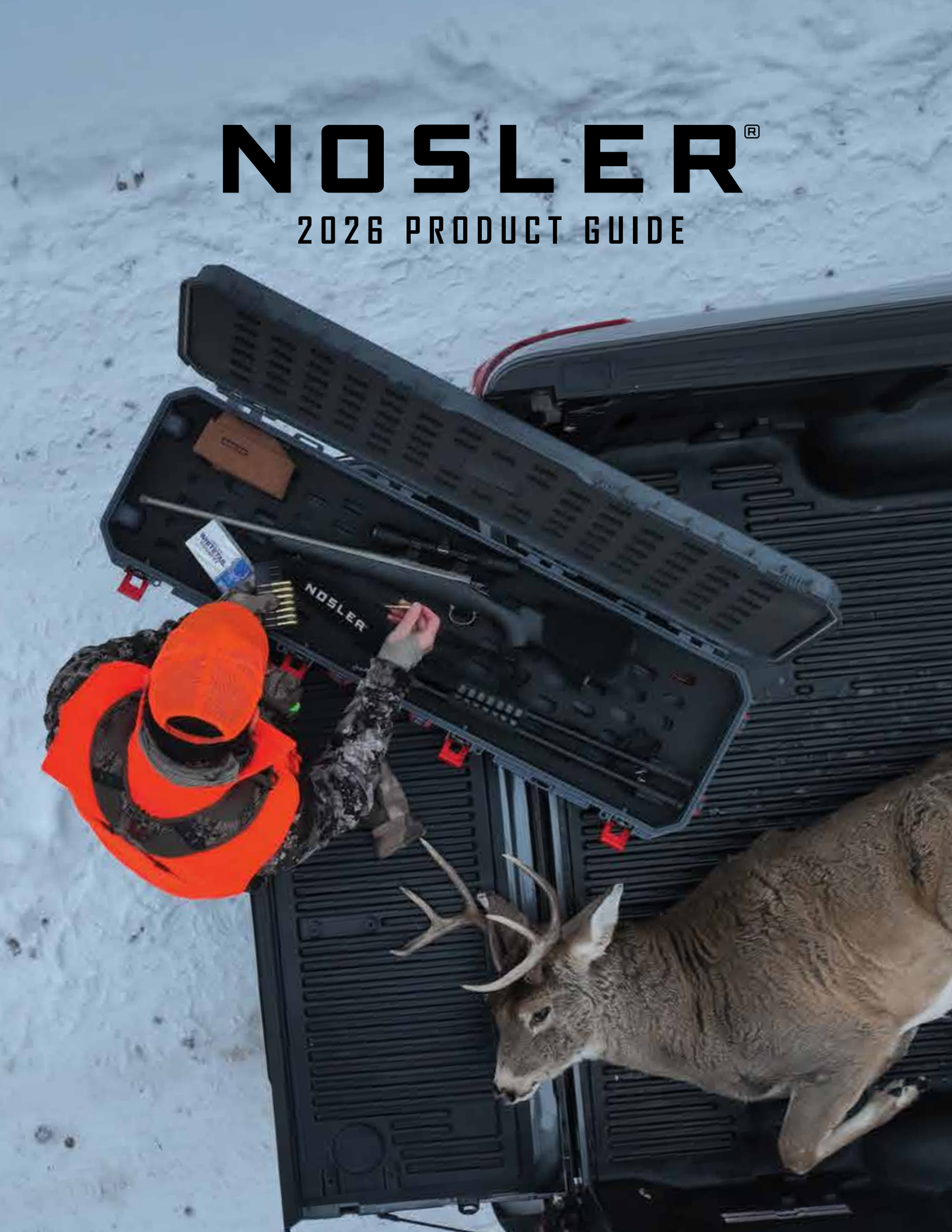
# NOSLER®

## 2026 PRODUCT GUIDE



# CONTENT


| | |
|---|---|
| **1** | Content |
| **2** | New Products |
| **3** | Solid Base® Bullets |
| **4** | Straight-Wall Bullets |
| **5-6** | Partition® Bullets |
| **7-8** | AccuBond® Bullets |
| **9-10** | AccuBond® Long Range Bullets |
| **11-12** | Ballistic Tip® Hunting Bullets |
| **13-14** | CT®Ballistic Silvertip® Bullets |
| **15-16** | E-Tip® Bullets |
| **17** | Ballistic Tip® Varmint Bullets |
| **18** | Varmageddon® Bullets |
| **19** | Ballistic Tip® Lead-Free™ Bullets |
| **20** | BT® Muzzle Loader |
| **21-22** | RDF™ |
| **23** | Custom Competition® Bullets |
| **25** | Sporting Handgun® |
| **26** | ASP Bullets |
| **27-28** | Nosler® Brass |
| **29** | RMEF Products |
| **30** | NoslerCustom® Ammunition |
| **31-32** | Whitetail Country™ Ammunition |
| **33-34** | Trophy Grade™ Ammunition |
| **35** | Ballistic Tip® Ammunition |
| **36** | Ballistic Tip® Varmint Ammunition |
| **37** | E-Tip® Ammunition |
| **38** | Varmageddon® Ammunition |
| **39-40** | Match Grade™ |
| **41** | ASP Ammunition |
| **42** | Nosler® Defense Handgun |
| **43-48** | Nosler Suppressors |
| **49-50** | Apparel |
| **51** | Nosler® Reloading Guide: Book |
| **52** | Bob Nosler: Born Ballistic: Book |
| **52** | John Nosler: Going Ballistic: Book |
| **53-54** | Brass Appendix |
| **54-64** | Ammunition Appendix |




# NEW PRODUCTS

## AMMUNITION

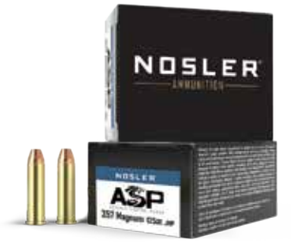
NOSLER® WHITETAIL COUNTRY

**Whitetail Country™ Solid Base®**
40122 WCA-243 Win 100g SB SP
40107 WCA-6.5x55 Swedish 140g SB SP
40128 WCA-308 Win 150g SB SP
40132 WCA-30-06 SPRG 150g SB SP

**Whitetail Country™ Straight-Wall**
40138 WCA-400 Legend 215g SW

ASP® ASSURED STOPPING POWER

**ASP Ammunition**
40137 ASP-38 Special 125g JHP (20ct)
40134 ASP-357 Mag 125g JHP (20ct)
40136 ASP-44 Mag 240g JHP (20ct)




## BULLETS

SOLID BASE® BULLETS

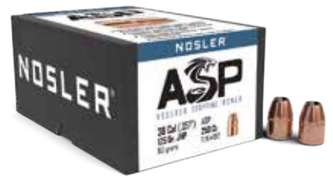
**Solid Base® Bullets**
38050 SB-6mm 100g SP (50ct.)
38052 SB-6.5mm 140g SP (50ct.)
38054 SB-270 130g SP (50ct.)
38056 SB-7mm 140g SP (50ct.)
38058 SB-30 150g RN C460 (50ct.)
38060 SB-30 150g SP (50ct.)
38062 SB-30 165g SP (50ct.)

STRAIGHT-WALL® BULLETS

**Straight-Wall Bullets**
38064 SW-350 LGND (.355") 180g PP C470 (50ct.)
38066 SW-400 LGND (.400") 215g PP C500 (50ct.)
38068 SW-458 300g PP C425 (50ct.)

ASP® ASSURED STOPPING POWER

**ASP Bullets**
44912 ASP-38 125g JHP (.357") (250ct)
44917 ASP-44 240g JHP (.429") (250ct)



# SOLID BASE® BULLETS

## SOLID BASE® COMPONENT BULLETS

**Proven. Reliable. Back in your hands.**

Nosler's Solid Base® bullets are back — a trusted design reintroduced for today's hunters and handloaders. Built on decades of field-proven performance, the Solid Base® line delivers the accuracy, deep penetration, and reliable expansion that hunters demand, all at a price that keeps premium performance within reach.

Featuring Nosler's heavy boat tail base, Gen 5 tapered jacket and dependable soft point design, Solid Base® bullets provide the confidence for clean, ethical kills season after season.

Trusted by hunters then. Trusted by hunters now. Solid Base® is here for a new generation.

**1. Soft Point Lead Nose**
Soft point lead nose for immediate expansion on impact

**2. Tapered Copper-Alloy jacket**
Tapered Copper-Alloy jacket ensures lethal expansion and reliable performance.

**3. Lead- Alloy Core**
Lead-alloy core for effective energy transfer and wide wound channels.

**4. Heavy Solid Base**
Heavy Solid Base design for high weight retention that drives through muscle and bone.

**5. Boat-Tail Profile**
Boat-tailed profile enhances accuracy.

Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient

| Caliber (Diameter) | Grain / Name | SD | BC | OAL | Part # | Count |
|---|---|---|---|---|---|---|
| 6mm (.243") | 100 Gr. Spitzer | 0.242 | 0.388 | 1.072" | 38050 | 50 Ct. |
| 6.5mm (.264") | 140 Gr. Spitzer | 0.287 | 0.495 | 1.285" | 38052 | 50 Ct. |
| 270 Cal (.277") | 130 Gr. Spitzer | 0.242 | 0.424 | 1.122" | 38054 | 50 Ct. |
| 7mm (.284") | 140 Gr. Spitzer | 0.248 | 0.459 | 1.145" | 38056 | 50 Ct. |
| 30 Cal (.308") | 150 Gr. Round Nose | 0.226 | 0.232 | 0.956" | 38058 | 50 Ct. |
| 30 Cal (.308") | 150 Gr. Spitzer | 0.226 | 0.398 | 1.115" | 38060 | 50 Ct. |
| 30 Cal (.308") | 165 Gr. Spitzer | 0.248 | 0.442 | 1.185" | 38062 | 50 Ct. |

**50 yards**
2900fps
21" Gel Penetration

**400 yards**
2100fps
26" Gel Penetration

LEARN MORE

# STRAIGHT-WALL® BULLETS

## STRAIGHT-WALL COMPONENT BULLETS

Built specifically for modern straight-wall cartridges, these bullets deliver the accuracy and terminal performance hunters demand in the field. Engineered for reliable expansion even at extended ranges and slower velocities, they provide devastating wound channels on deer, hogs, and other game. Purpose-built designs ensure consistent accuracy, flawless feeding, and lethal on-target results.

**1 Protected Point design**
Protected Point design for smooth feeding is safe for use in tubular magazines.

**2 Deep jacket skives**
Deep jacket skives ensure reliable expansion on impact.

**3 Ogive shape**
Ogive shape engineered for optimal feeding.

**4 Jacket and core**
Jacket and core are engineered for high weight retention.

**5 Deadly expansion**
Deadly expansion at slower impact velocities/extended range.

| Caliber (Diameter) | Grain / Name | SD | BC | OAL | Part # | Count |
|---|---|---|---|---|---|---|
| 350 LGND (.355") | 180 Gr. Protected Point | 0.204 | 0.245 | 0.866" | 38064 | 50 Ct. |
| 400 LGND (.400") | 215 Gr. Protected Point | 0.192 | 0.215 | 0.805" | 38066 | 50 Ct. |
| 45 Cal (.458") | 300 Gr. Protected Point | 0.204 | 0.191 | 0.805" | 38068 | 50 Ct. |

**50 yards**
1940fps
18" Gel Penetration

**200 yards**
1500fps
25" Gel Penetration

LEARN MORE

# PARTITION®
HUNTING BULLETS

The Nosler® Partition® bullet is the cornerstone upon which the entire company was founded in 1948. It is the bullet that brought hunters from the Dark Ages of thin-jacketed, cup and draw style bullets and into the modern age with a complex jacket design that makes use of two lead cores, separated by a monolithic partition. The front lead core is designed to expand and transfer massive shock and energy while the partition houses the rear lead core to maximize weight retention. The Nosler® Partition® delivers bone-crushing energy, a massive wound channel, and deep penetration. For over 65 years, the Nosler® Partition® has been the benchmark bullet by which all other modern hunting bullets are compared to. So, the next time you reach for a box of bullets, ask yourself, "Is it as good as a Partition?"

**1 Nosler Engineering:**
Nosler's special lead-alloy, dual-core provides superior mushrooming characteristics at virtually all impact velocities.

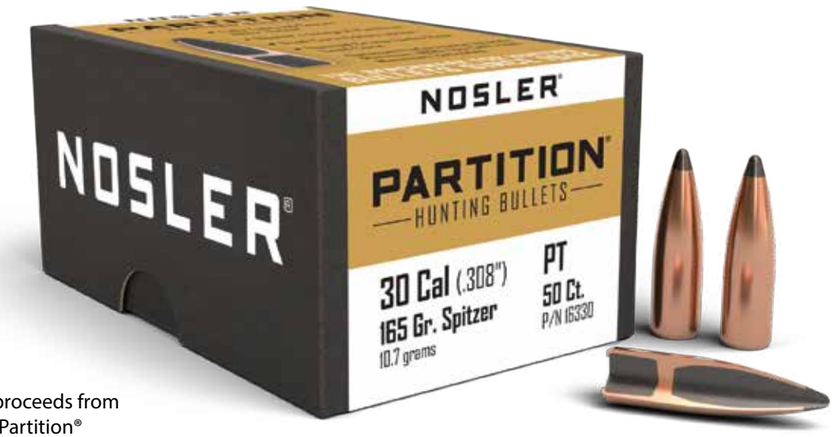
**2 Fully Tapered Copper-Alloy Jacket:**
Ruptures instantly at the thin jacket mouth, yet the gradual thickening along the bullet's axis controls expansion and curls the jacket uniformly outward at high and low velocities.

**3 Nosler's Integral Partition:**
Supports the expanded mushroom and retains the rear lead-alloy core. The enclosed rear core retains more than two-thirds of the original bullet weight for deep penetration.

**4 Dual-Core Construction:**
Every Partition® bullet in the Nosler® line delivers optimum length, weight and ogive design for maximum in-flight and terminal performance.

**5 Special Crimp Locks:**
Adds strength to resist deformation under the pressure of heavy magnums.






RMEF

A portion of the proceeds from the sale of select Partition® bullets is donated to the Rocky Mountain Elk Foundation.

Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient

| Caliber (Diameter) | Bullet | SD | BC | OAL | PT Part# | Pack |
|---|---|---|---|---|---|---|
| 22 Cal (.224") | 60 Gr. Spitzer | 0.171 | 0.228 | 0.790" | | 50 Ct. 16316 |
| | Requires a Minimum 1-12" Twist | | | | | |
| 6mm (.243") | 85 Gr. Spitzer | 0.206 | 0.315 | 0.950" | | 50 Ct. 16314 |
| 6mm (.243") | 95 Gr. Spitzer | 0.230 | 0.365 | 1.025" | | 50 Ct. 16315 |
| 6mm (.243") | 100 Gr. Spitzer | 0.242 | 0.384 | 1.065" | | 50 Ct. 35642 |
| 25 Cal (.257") | 100 Gr. Spitzer | 0.216 | 0.377 | 1.035" | | 50 Ct. 16317 |
| 25 Cal (.257") | 115 Gr. Spitzer | 0.249 | 0.389 | 1.145" | | 50 Ct. 16318 |
| 25 Cal (.257") | 120 Gr. Spitzer | 0.260 | 0.391 | 1.175" | | 50 Ct. 35643 |
| 6.5mm (.264") | 100 Gr. Spitzer | 0.205 | 0.326 | 0.962" | | 50 Ct. 16319 |
| 6.5mm (.264") | 125 Gr. Spitzer | 0.256 | 0.449 | 1.170" | | 50 Ct. 16320 |
| 6.5mm (.264") | 140 Gr. Spitzer | 0.287 | 0.490 | 1.290" | | 50 Ct. 16321 |
| 270 Cal (.277") | 130 Gr. Spitzer | 0.242 | 0.416 | 1.135" | | 50 Ct. 16322 |
| 270 Cal (.277") | 140 Gr. Spitzer | 0.261 | 0.432 | 1.190" | | 50 Ct. 35200 |
| 270 Cal (.277") | 150 Gr. Spitzer | 0.279 | 0.465 | 1.250" | | 50 Ct. 16323 |
| 270 Cal (.277") | 160 Gr. Semi Spitzer | 0.298 | 0.434 | 1.300" | | 50 Ct. 16324 |
| 7mm (.284") | 140 Gr. Spitzer | 0.248 | 0.434 | 1.160" | | 50 Ct. 16325 |
| 7mm (.284") | 150 Gr. Spitzer | 0.266 | 0.456 | 1.220" | | 50 Ct. 16326 |
| 7mm (.284") | 160 Gr. Spitzer | 0.283 | 0.475 | 1.270" | | 50 Ct. 16327 |
| 7mm (.284") | 175 Gr. Spitzer | 0.310 | 0.519 | 1.360" | | 50 Ct. 35645 |
| 30 Cal (.308") | 150 Gr. Spitzer | 0.226 | 0.387 | 1.100" | | 50 Ct. 16329 |
| 30 Cal (.308") | 165 Gr. Spitzer | 0.248 | 0.410 | 1.175" | | 50 Ct. 16330 |
| 30 Cal (.308") | 170 Gr. Round Nose | 0.256 | 0.252 | 1.030" | | 50 Ct. 16333 |
| 30 Cal (.308") | 180 Gr. Protected Point | 0.271 | 0.361 | 1.180" | | 50 Ct. 25396 |
| 30 Cal (.308") | 180 Gr. Spitzer | 0.271 | 0.474 | 1.260" | | 50 Ct. 16331 |
| 30 Cal (.308") | 200 Gr. Spitzer | 0.301 | 0.481 | 1.350" | | 50 Ct. 35626 |
| 30 Cal (.308") | 220 Gr. Semi Spitzer | 0.331 | 0.351 | 1.370" | | 50 Ct. 16332 |
| 8mm (.323") | 200 Gr. Spitzer | 0.274 | 0.426 | 1.240" | | 50 Ct. 35277 |
| 338 Cal (.338") | 210 Gr. Spitzer | 0.263 | 0.400 | 1.200" | | 50 Ct. 16337 |
| 338 Cal (.338") | 225 Gr. Spitzer | 0.281 | 0.454 | 1.300" | | 50 Ct. 16336 |
| 338 Cal (.338") | 250 Gr. Spitzer | 0.313 | 0.473 | 1.375" | | 50 Ct. 35644 |
| 35 Cal (.358") | 225 Gr. Spitzer | 0.251 | 0.421 | 1.175" | | 50 Ct. 44800 |
| 35 Cal (.358") | 250 Gr. Spitzer | 0.279 | 0.446 | 1.270" | | 50 Ct. 44801 |
| 9.3mm (.366") | 286 Gr. Spitzer (18.5 gram) | 0.307 | 0.482 | 1.375" | | 50 Ct. 44750 |
| 375 Cal (.375") | 260 Gr. Spitzer | 0.264 | 0.314 | 1.145" | | 50 Ct. 44850 |
| 375 Cal (.375") | 300 Gr. Spitzer | 0.305 | 0.398 | 1.335" | | 50 Ct. 44845 |

# ACCUBOND® BONDED BULLETS

Through an exclusive bonding process that eliminates voids in the bullet core, AccuBond® couples Nosler's proven copper-alloy jacket with its special lead-alloy core. The result is a bullet that flies true, penetrates deep and retains its weight, without causing extensive barrel fouling. The unique white polymer tip resists deforming and initiates expansion on impact. Nosler's Solid Base® at the rear of the bullet acts as a platform for large diameter mushrooms.

**1. Unique White Polymer Tip:**
Assures accuracy, smooth chambering and eliminates tip damage during recoil.

**2. Tapered Copper-Alloy Jacket:**
Lethal penetration and uniform expansion with maximum weight-retention and minimal barrel fouling.

**3. Lead-Alloy Core:**
Engineered for balanced expansion.

**4. Proprietary Bonding Process:**
Eliminates all possibility of component separation.

**5. Boat-Tail Design:**
Boat-tail configuration combines with the streamlined polymer tip for long-range performance and for easier loading.

Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient

| 22 Cal (.224") | 70 Gr. Spitzer | | | AB |
|---|---|---|---|---|
| SD. 0.199 | BC. 0.370 | OAL. 0.985" | PART# | |
| | | | 50 Ct. 53780 | |
| | | | Requires a Minimum 1-9" Twist | |

| 6mm (.243") | 90 Gr. Spitzer | | | AB |
|---|---|---|---|---|
| SD. 0.218 | BC. 0.376 | OAL. 1.085" | PART# | |
| | | | 50 Ct. 56357 | |

| 25 Cal (.257") | 110 Gr. Spitzer | | | AB |
|---|---|---|---|---|
| SD. 0.238 | BC. 0.418 | OAL. 1.180" | PART# | |
| | | | 50 Ct. 53742 | |

| 6.5mm (.264") | 130 Gr. Spitzer | | | AB |
|---|---|---|---|---|
| SD. 0.266 | BC. 0.488 | OAL. 1.305" | PART# | |
| | | | 50 Ct. 56902 | |

| 6.5mm (.264") | 140 Gr. Spitzer | | | AB |
|---|---|---|---|---|
| SD. 0.287 | BC. 0.509 | OAL. 1.375" | PART# | |
| | | | 50 Ct. 57873 | |

| 270 Cal (.277") | 130 Gr. Spitzer | | | AB |
|---|---|---|---|---|
| SD. 0.242 | BC. 0.435 | OAL. 1.230" | PART# | |
| | | | 50 Ct. 54987 | |

| 270 Cal (.277") | 140 Gr. Spitzer | | | AB |
|---|---|---|---|---|
| SD. 0.261 | BC. 0.460 | OAL. 1.295" | PART# | |
| | | | 50 Ct. 54765 | |

| 270 Cal (.277") | 150 Gr. Spitzer | | | AB |
|---|---|---|---|---|
| SD. 0.279 | BC. 0.500 | OAL. 1.345" | PART# | |
| | | | 50 Ct. 54801 | |

| 7mm (.284") | 140 Gr. Spitzer | | | AB |
|---|---|---|---|---|
| SD. 0.248 | BC. 0.485 | OAL. 1.270" | PART# | |
| | | | 50 Ct. 59992 | |

| 7mm (.284") | 150 Gr. Spitzer | | | AB |
|---|---|---|---|---|
| SD. 0.266 | BC. 0.493 | OAL. 1.290" | PART# | |
| | | | 50 Ct. 54951 | |

| 7mm (.284") | 160 Gr. Spitzer | | | AB |
|---|---|---|---|---|
| SD. 0.283 | BC. 0.531 | OAL. 1.385" | PART# | |
| | | | 50 Ct. 54932 | |

| 30 Cal (.308") | 125 Gr. Spitzer | | | AB |
|---|---|---|---|---|
| SD. 0.188 | BC. 0.366 | OAL. 1.080" | PART# | |
| | | | 50 Ct. 52165 | |

| 30 Cal (.308") | 150 Gr. Spitzer | | | AB |
|---|---|---|---|---|
| SD. 0.226 | BC. 0.435 | OAL. 1.200" | PART# | |
| | | | 50 Ct. 56719 | |

| 30 Cal (.308") | 165 Gr. Spitzer | | | AB |
|---|---|---|---|---|
| SD. 0.248 | BC. 0.475 | OAL. 1.290" | PART# | |
| | | | 50 Ct. 55602 | |

| 30 Cal (.308") | 180 Gr. Spitzer | | | AB |
|---|---|---|---|---|
| SD. 0.271 | BC. 0.507 | OAL. 1.380" | PART# | |
| | | | 50 Ct. 54825 | |

| 30 Cal (.308") | 200 Gr. Spitzer | | | AB |
|---|---|---|---|---|
| SD. 0.301 | BC. 0.588 | OAL. 1.485" | PART# | |
| | | | 50 Ct. 54618 | |

| 8mm (.323") | 200 Gr. Spitzer | | | AB |
|---|---|---|---|---|
| SD. 0.274 | BC. 0.450 | OAL. 1.380" | PART# | |
| | | | 50 Ct. 54374 | |

| 338 Cal (.338") | 180 Gr. Spitzer | | | AB |
|---|---|---|---|---|
| SD. 0.225 | BC. 0.372 | OAL. 1.240" | PART# | |
| | | | 50 Ct. 57625 | |

| 338 Cal (.338") | 200 Gr. Spitzer | | | AB |
|---|---|---|---|---|
| SD. 0.250 | BC. 0.414 | OAL. 1.340" | PART# | |
| | | | 50 Ct. 56382 | |

| 338 Cal (.338") | 225 Gr. Spitzer | | | AB |
|---|---|---|---|---|
| SD. 0.281 | BC. 0.550 | OAL. 1.450" | PART# | |
| | | | 50 Ct. 54357 | |

| 338 Cal (.338") | 250 Gr. Spitzer | | | AB |
|---|---|---|---|---|
| SD. 0.313 | BC. 0.575 | OAL. 1.567" | PART# | |
| | | | 50 Ct. 57287 | |

| 338 Cal (.338") | 300 Gr. Spitzer | | | AB |
|---|---|---|---|---|
| SD. 0.375 | BC. 0.720 | OAL. 1.750" | PART# | |
| | | | 50 Ct. 54851 | |

| 35 Cal (.358") | 225 Gr. Spitzer ( Whelen ) | | | AB |
|---|---|---|---|---|
| SD. 0.251 | BC. 0.430 | OAL. 1.365" | PART# | |
| | | | 50 Ct. 50712 | |

| 9.3mm (.366") | 250 Gr. Spitzer W/Cannelure | | | AB |
|---|---|---|---|---|
| SD. 0.267 | BC. 0.494 | OAL. 1.375" | PART# | |
| | | | 50 Ct. 59756 | |

| 375 Cal (.375") | 260 Gr. Spitzer W/Cannelure | | | AB |
|---|---|---|---|---|
| SD. 0.264 | BC. 0.473 | OAL. 1.380" | PART# | |
| | | | 50 Ct. 54413 | |

| 375 Cal (.375") | 300 Gr. Spitzer W/Cannelure | | | AB |
|---|---|---|---|---|
| SD. 0.305 | BC. 0.485 | OAL. 1.520" | PART# | |
| | | | 50 Ct. 53662 | |

**OPTIMUM PERFORMANCE VELOCITY:**
Minimum: 1800 fps (549 mps)
Maximum: Unlimited

30 Cal 165gr

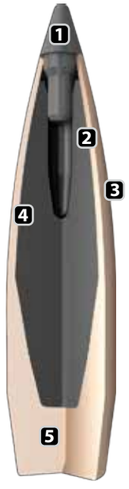
1800 FPS
90% WR

2400 FPS
77% WR

3050 FPS
60% WR

# LR ACCUBOND
## BONDED LONG-RANGE

The AccuBond® -Long Range (LR) bullet line was developed in response to the escalating demand from long-range hunters who were asking for a hunting bullet that could keep up with today's level of high-grade optics and ultra-high velocity cartridges in order to stretch practical shooting yardages past 1,000 yards; yet still perform on big-game animals. In order to accommodate these extreme parameters, the AccuBond® -LR bullet was designed to have a minimum impact velocity of 1300fps in order to reliably expand or mushroom at those much longer distances, compared to the 1800fps minimum impact velocity of all other Nosler® hunting bullets. Now what about close range performance? Because the lead core is bonded to the copper jacket, the AccuBond®-LR bullet will hold up to extreme velocities. To further assist performance at such a wide range of impact velocities, the copper jacket is tapered, meaning it is thin at the nose, becoming much thicker towards the boat-tail base.




**1** Unique Gray Polymer Tip:
Assures accuracy, smooth chambering and eliminates tip damage during recoil.

**2** Bonded Performance:
Bonded for maximum weight retention and energy transfer

**3** Tangent Ogive:
Promotes smooth feeding and consistent seating depths

**4** Reliable expansion:
Reliable expansion across the widest range of velocities of any Nosler hunting bullet

**5** High-performance boat-tail:
Enhanced boat-tail for maximized B.C. and increased weight retention

Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient

| Caliber / Diameter | Bullet | SD | BC | OAL | ABLR | Part # | G1 BC | G7 BC |
|---|---|---|---|---|---|---|---|---|
| 6.5mm (.264") | 129 Gr. Spitzer | 0.264 | 0.530 | 1.370" | ABLR | 100 Ct. 58943 | 0.530 | 0.267 |
| 270 Cal (.277") | 165 Gr. Spitzer | 0.307 | 0.620 | 1.515" | ABLR | 100 Ct. 54827 Minimum 1-9" Twist | 0.620 | 0.312 |
| 30 Cal (.308") | 168 Gr. Spitzer | 0.253 | 0.525 | 1.365" | ABLR | 100 Ct. 58455 | 0.525 | 0.265 |
| 6.5mm (.264") | 142 Gr. Spitzer | 0.291 | 0.625 | 1.445" | ABLR | 100 Ct. 58922 | 0.625 | 0.315 |
| 7mm (.284") | 150 Gr. Spitzer | 0.266 | 0.546 | 1.400" | ABLR | 100 Ct. 58734 | 0.546 | 0.275 |
| 30 Cal (.308") | 190 Gr. Spitzer | 0.286 | 0.597 | 1.480" | ABLR | 100 Ct. 58456 | 0.597 | 0.301 |
| 6.5mm (.264") | 150 Gr. Spitzer | 0.327 | 634 | 1.495" | ABLR | 100 Ct. 58930 Minimum 1-8" Twist | 0.634 | 0.319 |
| 7mm (.284") | 168 Gr. Spitzer | 0.298 | 0.616 | 1.500" | ABLR | 100 Ct. 58623 | 0.616 | 0.310 |
| 30 Cal (.308") | 210 Gr. Spitzer | 0.316 | 0.661 | 1.570" | ABLR | 100 Ct. 58317 | 0.661 | 0.333 |
| 270 Cal (.277") | 150 Gr. Spitzer | 0.279 | 0.591 | 1.390" | ABLR | 100 Ct. 58836 | 0.591 | 0.298 |
| 7mm (.284") | 175 Gr. Spitzer | 0.310 | 0.648 | 1.540" | ABLR | 100 Ct. 58517 | 0.648 | 0.326 |



NOSLER®

| Caliber / Diameter | Bullet | SD | BC | OAL | ABLR | Part # | G1 BC | G7 BC |
|---|---|---|---|---|---|---|---|---|
| 338 Cal (.338") | 265 Gr. Spitzer | 0.331 | 0.732 | 1.700" | ABLR | 100 Ct. 58454 | 0.732 | 0.369 |
| 338 Cal (.338") | 300 Gr. Spitzer | 0.375 | 0.785 | 1.875" | ABLR | 100 Ct. 58518 | 0.785 | 0.394 |

**OPTIMUM PERFORMANCE VELOCITY:**
Minimum: 1300 fps (396 mps)
Maximum: 3400 fps (1036 mps)

7mm 175gr

1350 FPS
95% WR

3000 FPS
55% WR

# BALLISTIC TIP®
HUNTING BULLETS

The more you hunt, the more you start to realize how unpredictable and unforgiving nature can be, which is why we engineered the Ballistic Tip® Hunting bullet to be very predictable and extremely forgiving. Whether you're after whitetails, blacktails, mulies or pronghorns, Ballistic Tip® bullets deliver the kind of accuracy, consistency and down-range punch required for putting down that buck in any situation. The combination of performance and versatility that Nosler® has built into these bullets has resulted in over 30 years of successful hunts for sportsmen across the country – and around the world.

These bullets deliver the accuracy, consistency and down-range punch required for clean kills in all situations. These flat-shooting, wind-defying bullets utilize ballistic-designed boat-tails and polymer tips to increase long-range efficiency and protect against tip damage in the magazine. Unique tapered jacket provides controlled expansion at all practical ranges and velocities.

**1 Nosler Ballistic Tip®:**
Streamlined polymer tip, color-coded by caliber, resists deformation in the magazine and initiates expansion upon impact.

**2 Fully-Tapered Jacket and Special Lead-Alloy Core:**
Allows controlled expansion and optimum weight retention at all practical velocity levels. The heavy jacketed base prevents bullet deformation during firing.

**3 Heavy Jacketed Base:**
Acts as a platform for large-diameter mushroom.

**4 Ballistically Engineered Solid Base®:**
Boat tail configuration combines with the streamlined polymer tip for extreme long-range performance and for easier loading.

Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient

| Caliber / Diameter | | SD | BC | OAL | BT PART# | Qty |
|---|---|---|---|---|---|---|
| 6mm (.243") | 90 Gr. Spitzer (Purple Tip) | 0.218 | 0.365 | 1.080" | | 50 Ct. 24090 |
| 6mm (.243") | 95 Gr. Spitzer (Purple Tip) | 0.230 | 0.379 | 1.120" | | 50 Ct. 24095 |
| 25 Cal (.257") | 100 Gr. Spitzer (Blue Tip) | 0.216 | 0.393 | 1.110" | | 50 Ct. 25100 |
| 25 Cal (.257") | 115 Gr. Spitzer (Blue Tip) | 0.249 | 0.453 | 1.215" | | 50 Ct. 25115 |
| 6.5mm (.264") | 100 Gr. Spitzer (Brown Tip) | 0.205 | 0.350 | 1.080" | | 50 Ct. 26100 |
| 6.5mm (.264") | 120 Gr. Spitzer (Brown Tip) | 0.246 | 0.458 | 1.220" | | 50 Ct. 26120 |
| 6.5mm (.264") | 140 Gr. Spitzer (Brown Tip) | 0.287 | 0.509 | 1.350" | | 50 Ct. 26140 |
| 270 Cal (.277") | 130 Gr. Spitzer (Yellow Tip) | 0.242 | 0.433 | 1.220" | | 50 Ct. 27130 |
| 270 Cal (.277") | 140 Gr. Spitzer (Yellow Tip) | 0.261 | 0.456 | 1.296" | | 50 Ct. 27140 |
| 270 Cal (.277") | 150 Gr. Spitzer (Yellow Tip) | 0.279 | 0.496 | 1.350" | | 50 Ct. 27150 |
| 270 Cal (.277") | 170 Gr. Spitzer (Yellow Tip) | 0.317 | 0.550 | 1.485 | | 50 Ct. 28135 Requires a Minimum 1-8" Twist |
| 7mm (.284") | 120 Gr. Spitzer (Red Tip) | 0.213 | 0.417 | 1.135" | | 50 Ct. 28120 |
| 7mm (.284") | 140 Gr. Spitzer (Red Tip) | 0.248 | 0.485 | 1.255" | | 50 Ct. 28140 |
| 7mm (.284") | 150 Gr. Spitzer (Red Tip) | 0.266 | 0.493 | 1.300" | | 50 Ct. 28150 |
| 7mm (.284") | 160 Gr. Spitzer (Red Tip) | 0.283 | 0.531 | 1.385" | | 50 Ct. 28125 |
| 30 Cal (.308") | 125 Gr. Spitzer (Green Tip) | 0.188 | 0.366 | 1.060" | | 50 Ct. 30125 |
| 30 Cal (.308") | 150 Gr. Spitzer (Green Tip) | 0.226 | 0.435 | 1.220" | | 50 Ct. 30150 |
| 30 Cal (.308") | 165 Gr. Spitzer (Green Tip) | 0.248 | 0.475 | 1.290" | | 50 Ct. 30165 |
| 30 Cal (.308") | 168 Gr. Spitzer (Green Tip) | 0.253 | 0.490 | 1.307" | | 50 Ct. 30168 |
| 30 Cal (.308") | 180 Gr. Spitzer (Green Tip) | 0.271 | 0.507 | 1.360" | | 50 Ct. 30180 |
| 7.62x39 (.310") | 123 Gr. Spitzer (Green Tip) | 0.183 | 0.310 | 1.010 | | 50 Ct. 30131 |
| 8mm (.323") | 180 Gr. Spitzer (Gunmetal Tip) | 0.246 | 0.394 | 1.280" | | 50 Ct. 32180 |
| 458 Cal (.458") | 300 Gr. Spitzer (Orange Tip) | 0.204 | 0.250 | 0.960" | | 50 Ct. 31456 |
| 30 Cal (.308") | 220 Gr. Round Nose (Green Tip) ((( Suppressor Ready ))) | 0.331 | 0.472 | 1.465" | | 50 Ct. 30181 300 Blackout- 220gr. RNBT 1000 FPS 12" Pen 95% WR GEL |



NOSLER®

TIP COLOR BY CALIBER

| | |
|---|---|
| 6mm | 7mm |
| 25 cal | 30 cal |
| 6.5mm | 8mm |
| 270 cal | 458 cal |

**OPTIMUM PERFORMANCE VELOCITY:**
Minimum: 1800 fps (549 mps)
Maximum: 3200 fps (975 mps)

30 Cal 168gr

COMBINED TECHNOLOGY®

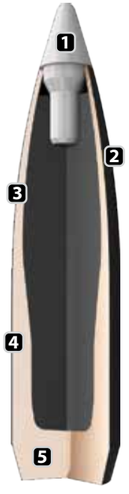
# BALLISTIC SILVERTIP®

**What is Lubalox®?**
Lubalox® is the trade name Winchester uses to describe a black oxide process. It is a very thin oxide bullet coating, often compared to the bluing on a steel firearm.

**What are the benefits of Lubalox®?**
The primary benefit of Lubalox is reduced barrel fouling. The process creates a surface on the bullet jacket, which increases the number of shots possible between cleanings. Unlike moly-coated bullets, Lubalox-coated bullets leave the barrel residue-free and do not require barrel "seasoning". Additionally, unlike uncoated bullets that tarnish over time, Lubalox protects the surface of the bullet jacket, keeping it looking like new.

**Will Lubalox® harm the gun barrel?**
Lubalox does not harm the barrel. In fact, testing shows that the coating often reduces barrel fouling.

**Lubalox® coating is not a Moly coating.**




**1 Polymer Silvertip:**
Polymer Silvertip prevents deformation in the magazine.

**2 Lubalox ®Exterior Coating:**
Reduces fouling, pressure and friction between bullet and bore; provides longer barrel life, easier cleaning and enhanced accuracy.

**3 Fully Tapered Jacket and Special Lead-Alloy Core:**
Allows controlled expansion and optimum weight retention at all practical velocity levels. The heavy jacketed base prevents bullet deformation during firing.

**4 Heavy Jacketed Base:**
Acts as a platform for large- diameter mushroom.

**5 Ballistically Engineered Solid Base®:**
Boat-tail configuration combines with the streamlined polymer tip for extreme long-range performance and for easier loading.

Look for CT® Ballistic Silvertip® bullets in Winchester® Supreme® Ammunition

CT®, Combined Technology and Ballistic Silvertip® are joint-registered trademarks of Nosler, Inc. and Olin- Winchester®. Winchester®, Supreme™, and Lubalox® are registered trademarks of Olin-Winchester®.

Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient

| Caliber (Diameter) | Bullet | SD | BC | OAL | BST Part# | Box |
|---|---|---|---|---|---|---|
| 6mm (.243") | 95 Gr. Spitzer (Silver Tip) | 0.230 | 0.379 | 1.120" | 51040 | 50 Ct. |
| 25 Cal (.257") | 115 Gr. Spitzer (Silver Tip) | 0.249 | 0.453 | 1.215" | 51050 | 50 Ct. |
| 270 Cal (.277") | 130 Gr. Spitzer (Silver Tip) | 0.242 | 0.433 | 1.220" | 51075 | 50 Ct. |
| 270 Cal (.277") | 150 Gr. Spitzer (Silver Tip) | 0.279 | 0.496 | 1.350" | 51100 | 50 Ct. |
| 7mm (.284") | 140 Gr. Spitzer (Silver Tip) | 0.248 | 0.485 | 1.255" | 51105 | 50 Ct. |
| 7mm (.284") | 150 Gr. Spitzer (Silver Tip) | 0.266 | 0.493 | 1.300" | 51110 | 50 Ct. |
| 30 Cal (.308") | 150 Gr. Spitzer (Silver Tip) | 0.226 | 0.435 | 1.220" | 51150 | 50 Ct. |
| 30 Cal (.308") | 150 Gr. Round Nose (Silver Tip) | 0.226 | 0.232 | 1.066" | 51165 | 50 Ct. |
| 30 Cal (.308") | 168 Gr. Spitzer (Silver Tip) | 0.253 | 0.490 | 1.307" | 51160 | 50 Ct. |
| 30 Cal (.308") | 180 Gr. Spitzer (Silver Tip) | 0.271 | 0.507 | 1.360" | 51170 | 50 Ct. |
| 338 Cal (.338") | 200 Gr. Spitzer (Silver Tip) | 0.250 | 0.414 | 1.340" | 51200 | 50 Ct. |



NOSLER®

- **Non-Moly Coating Which Allows More Shots Between Cleaning**
- **Legendary Ballistic Tip® Performance**
- **Defining Silver Polymer Tip**
- **Lubalox® Exterior Coating**

**OPTIMUM PERFORMANCE VELOCITY:**
Minimum: 1800 fps (549 mps)
Maximum: 3200 fps (975 mps)

30 Cal 168gr

| 1800 FPS | 2400 FPS | 3050 FPS |
|---|---|---|
| 86% WR | 74% WR | 60% WR |

# EXPANSION TIP®
## LEAD-FREE HUNTING

Nosler's E-Tip® bullet has quickly become one of the favorite hunting bullets of Nosler® employees, and for good reason. With Nosler's exclusive E2 Cavity™ [Energy Expansion Cavity™] that allows for immediate expansion at impact velocities as low as 1800fps, yet maintains 95% weight retention at unlimited impact velocities for maximum penetration. These benefits translate to a hunting bullet with rapid, yet controlled, four-leaf expansion at a wide range of velocities for maximum energy transfer along with the added benefit of high weight retention for deep, destructive wound channels.

We took our 75+ years of bullet manufacturing experience and the depth of our knowledge into the design of this bullet. Our goal was to make a lead-free projectile that expanded like a lead-core bullet yet maintained nearly 100% weight retention for maximum penetration. The successful result is the Nosler E-Tip® bullet.

**1 Signature OD Green Polymer Tip:**
Nosler's advanced polymer tip initiates expansion while delivering unsurpassed penetration and weight retention.

**2 E2 Cavity™:**
The exclusive Energy Expansion Cavity™ provides a dual-expansion chamber for amazing stopping power and uniform expansion with 95%+ weight retention for superior penetration.

**3 Solid Copper-Alloy Construction:**
Nosler's one-piece design meets all "lead-free" hunting regulations without sacrificing performance.

**4 Boat-Tail Design:**
Boat-tail configuration combines with the streamlined polymer tip for extreme long-range performance and for easier loading.

Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient

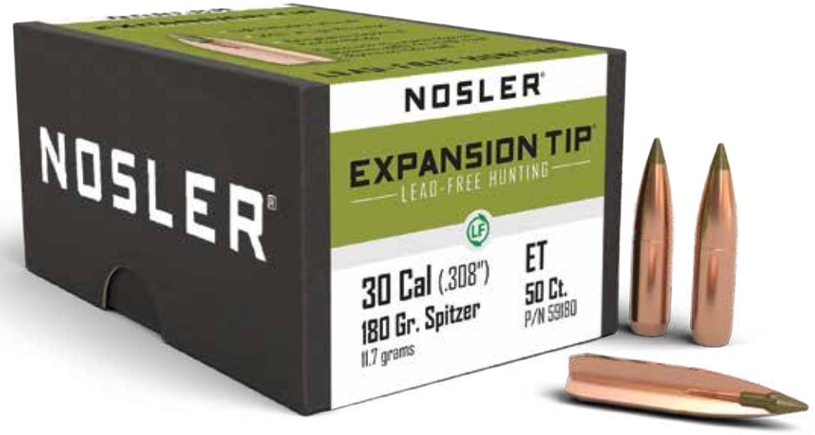
| Caliber / Diameter | Grain / Type | SD | BC | OAL | ET PART# | Box Count |
|---|---|---|---|---|---|---|
| 22 Cal (.224") | 55 Gr. Spitzer | 0.157 | 0.305 | 0.890" | | 50 Ct. 59624 |
| 7mm (.284") | 150 Gr. Spitzer | 0.266 | 0.498 | 1.425" | | 50 Ct. 59426 |
| 7.62x39 (.310") | 123 Gr. Spitzer | 0.183 | 0.316 | 1.125" | | 50 Ct. 59387 |
| 6mm (.243") | 90 Gr. Spitzer | 0.218 | 0.403 | 1.180" | | 50 Ct. 59165 |
| 300 AAC (.308") | 110 Gr. Spitzer | 0.166 | 0.245 | 1.095" | | 50 Ct. 59380 |
| 8mm (.323") | 180 Gr. Spitzer | 0.246 | 0.427 | 1.365" | | 50 Ct. 59265 |
| 25 Cal (.257") | 100 Gr. Spitzer | 0.216 | 0.409 | 1.215" | | 50 Ct. 59456 |
| 30/30 (.308") | 150 Gr. Round Nose | 0.226 | 0.344 | 1.165" | | 50 Ct. 59451 |
| 338 Cal (.338") | 200 Gr. Spitzer | 0.250 | 0.425 | 1.427" | | 50 Ct. 59186 |
| 6.5mm (.264") | 120 Gr. Spitzer | 0.246 | 0.497 | 1.350" | | 50 Ct. 59765 |
| 30 Cal (.308") | 150 Gr. Spitzer | 0.226 | 0.469 | 1.293" | | 50 Ct. 59378 |
| 338 Cal (.338") | 225 Gr. Spitzer | 0.281 | 0.611 | 1.575" | | 50 Ct. 59372 |
| 270 Cal (.277") | 130 Gr. Spitzer | 0.242 | 0.459 | 1.345" | | 50 Ct. 59298 |
| 30 Cal (.308") | 168 Gr. Spitzer | 0.253 | 0.503 | 1.415" | | 50 Ct. 59415 |
| 338 Cal (.338") | 250 Gr. Spitzer | 0.313 | 0.627 | 1.680" | | 50 Ct. 59385 |
| 7mm (.284") | 140 Gr. Spitzer | 0.248 | 0.489 | 1.360" | | 50 Ct. 59955 |
| 30 Cal (.308") | 180 Gr. Spitzer | 0.271 | 0.523 | 1.485" | | 50 Ct. 59180 |

Requires a Minimum 1-10" Twist

Requires a Minimum 1-9" Twist








| Caliber / Diameter | Grain / Type | SD | BC | OAL | ET PART# | Box Count |
|---|---|---|---|---|---|---|
| 9.3mm (.366") | 250 Gr. Spitzer | 0.267 | 0.494 | 1.680" | | 50 Ct. 59270 |
| 375 Cal (.375") | 260 Gr. Spitzer | 0.264 | 0.490 | 1.489" | | 50 Ct. 59379 |

- OD Green Polymer Tip
- Expansion Tip
- E2 Cavity™
- Solid Gilding Metal Construction
- Lead-Free
- 95% Weight Retention

**Uniform Expansion With 95%+ Weight Retention For Superior Penetration**

LF
LEAD-FREE

**OPTIMUM PERFORMANCE VELOCITY:**
Minimum: 1800 fps (549 mps)
Maximum: Unlimited

30 Cal 168gr

1800 FPS
98% WR

2400 FPS
98% WR

3050 FPS
98% WR

# BALLISTIC TIP®
## VARMINT BULLETS

Nosler® Ballistic Tip® Varmint bullets thrive on ultra-high velocity loads yet will go the distance with spectacular results all the way down to the lowest practical velocity levels. This is made possible by the proprietary manufacturing process that allows for several key benefits for varmint shooters. First, the BT Varmint has a solid, boat-tail base for increased ballistic coefficient and ease of reloading. Second, it is constructed with thick jacket walls, eliminating the chance of air solubility at extreme velocities. Third, the jacket thins at the nose of the bullet which combined with the polymer tip creates rapid and explosive expansion. Fast or slow, near or far, no matter what rifle /cartridge combination you're shooting or what varmint you're shooting at, Nosler® Ballistic Tip® Varmint delivers match-grade accuracy with all the performance characteristics serious varminters are looking for.

**1 Nosler Ballistic Tip®:**
Nestled in the jacket mouth is the streamlined polymer tip, color-coded by caliber.

**2 Ultra-Thin Jacket Mouth:**
Assures violent expansion at either end of the velocity scale.

**3 Varmint Jacket Wall Design:**
The uniform, gradual thickening at the bullet's mid-section is designed to keep the Ballistic Tip® Varmint together until impact-at any velocity.

**4 Ballistically Engineered Solid Base®:**
Boat tail configuration combines with the streamlined polymer tip for extreme long-range performance and for easier loading.

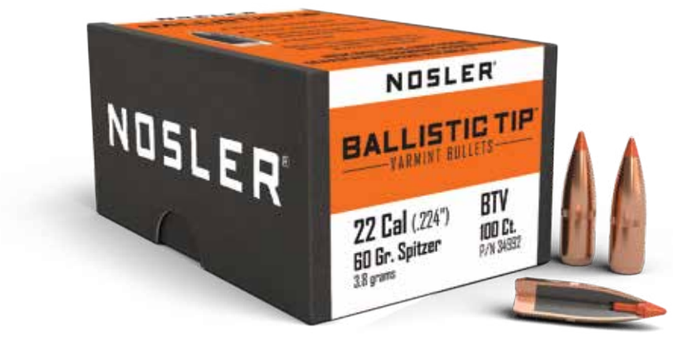
Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient

| Caliber / Diameter | Weight / Name | SD | BC | OAL | BT PART# | Packaging |
|---|---|---|---|---|---|---|
| 204 Cal (.204") | 32 Gr. Spitzer (Maroon Tip) | 0.110 | 0.206 | 0.640" | 35216 | 100 Ct. 35216<br>250 Ct. 39573 |
| 204 Cal (.204") | 40 Gr. Spitzer (Maroon Tip) | 0.137 | 0.239 | 0.730" | 52111 | 100 Ct. 52111<br>250 Ct. 39521 |
| 22 Cal (.224") | 40 Gr. Spitzer (Orange Tip) | 0.114 | 0.221 | 0.705" | 39510 | 100 Ct. 39510<br>250 Ct. 39555 |
| 22 Cal (.224") | 50 Gr. Spitzer (Orange Tip) | 0.142 | 0.238 | 0.800" | 39522 | 100 Ct. 39522<br>250 Ct. 39557 |
| 22 Cal (.224") | 55 Gr. Spitzer (Orange Tip) | 0.157 | 0.267 | 0.810" | 39526 | 100 Ct. 39526<br>250 Ct. 39560 |
| 22 Cal (.224") | 60 Gr. Spitzer (Orange Tip) | 0.171 | 0.270 | 0.855" | 34992 | 100 Ct. 34992<br>250 Ct. 39473 |
| 6mm (.243") | 55 Gr. Spitzer (Purple Tip) | 0.133 | 0.276 | 0.785" | 24055 | 100 Ct. 24055<br>250 Ct. 39565 |
| 6mm (.243") | 70 Gr. Spitzer (Purple Tip) | 0.169 | 0.310 | 0.915" | 39532 | 100 Ct. 39532<br>250 Ct. 39570 |
| 6mm (.243") | 80 Gr. Spitzer (Purple Tip) | 0.194 | 0.329 | 0.990" | 24080 | 100 Ct. 24080 |
| 25 Cal (.257") | 85 Gr. Spitzer (Blue Tip) | 0.183 | 0.329 | 1.015" | 43004 | 100 Ct. 43004 |

TIP COLOR BY CALIBER

| | |
|---|---|
| 204 | 6mm |
| 22 | 25 cal |

**OPTIMUM PERFORMANCE VELOCITY:**
Minimum: 1600 fps (488mps)
Maximum: Unlimited



**Available in Tipped or Hollow Point Design**

**1 Hollow Point:**
Designed for optimum flight and expansion characteristics

**2 Metallic Black Polymer Tip:**
Nestled in the jacket mouth is the streamlined polymer tip.

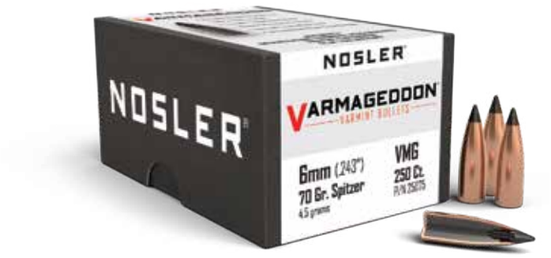
**3 Ultra-Thin Jacket Mouth:**
Assures violent expansion at either end of the velocity scale.

**4 Varmint Jacket Wall Design:**
The uniform, gradual thickening at the bullet's mid-section is designed to keep the Varmageddon® together until impact-at any velocity.

**5 Flat Base:**
Bench rest accuracy out of a varmint bullet.

# VARMAGEDDON
## VARMINT BULLETS

Varmageddon bullets are made with a lead-alloy core and feature a copper-alloy jacket designed to withstand high velocities yet expand immediately upon impact. Varmageddon bullets are manufactured using a highly efficient process, providing legendary Nosler quality and accuracy at an economical price.



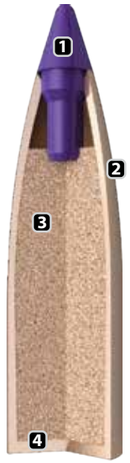

| Caliber / Diameter | Weight / Name | SD | BC | OAL | VMG PART# | Packaging |
|---|---|---|---|---|---|---|
| 17 Cal (.172") | 20 Gr. FBHP | 0.097 | 0.119 | 0.500" | 17205 | 100 Ct. 17205<br>250 Ct. 29066 |
| 17 Cal (.172") | 20 Gr. FB Tipped (Metallic Black Tip) | 0.097 | 0.183 | 0.555" | 17210 | 100 Ct. 17210<br>250 Ct. 30531 |
| 204 Cal (.204") | 32 Gr. FB Tipped (Metallic Black Tip) | 0.110 | 0.204 | 0.600" | 17220 | 100 Ct. 17220<br>250 Ct. 32851 |
| 22 Cal (.224") | 35 Gr. FB Tipped (Metallic Black Tip) | 0.100 | 0.120 | 0.520" | 36763 | 100 Ct. 36763<br>250 Ct. 32572 |
| 22 Cal (.224") | 40 Gr. FB Tipped (Metallic Black Tip) | 0.114 | 0.211 | 0.665" | 17230 | 100 Ct. 17230<br>250 Ct. 17260 |
| 22 Cal (.224") | 50 Gr. FB Tipped (Metallic Black Tip) | 0.142 | 0.227 | 0.750" | 17223 | 100 Ct. 17223 |
| 22 Cal (.224") | 53 Gr. FB Tipped (Metallic Black Tip) | 0.152 | 0.303 | 0.830" | 36523 | 100 Ct. 36523<br>250 Ct. 36524 |
| 22 Cal (.224") | 55 Gr. FB Tipped (Metallic Black Tip) | 0.157 | 0.255 | 0.795" | 17240 | 100 Ct. 17240<br>250 Ct. 17270<br>500 Ct. 17291 |
| 22 Cal (.224") | 62 Gr. FBHP W/Cannelure | 0.176 | 0.251 | 0.770" | 35631 | 100 Ct. 35631<br>250 Ct. 36522 |
| 6mm (.243") | 55 Gr. FB Tipped (Metallic Black Tip) | 0.133 | 0.252 | 0.750" | 17250 | 100 Ct. 17250<br>250 Ct. 28115 |
| 6mm (.243") | 70 Gr. FB Tipped (Metallic Black Tip) | 0.169 | 0.305 | 0.875" | 26123 | 100 Ct. 26123<br>250 Ct. 25075 |
| 6.5mm (.264") | 90 Gr. FB Tipped (Metallic Black Tip) | 0.184 | 0.350 | 1.020" | 26129 | 100 Ct. 26129 |
| 30 Cal (.308") | 110 Gr. FB Tipped (Metallic Black Tip) | 0.166 | 0.293 | 0.920" | 34057 | 100 Ct. 34057 |
| 7.62x39 (.310") | 123 Gr. FB Tipped (Metallic Black Tip) | 0.183 | 0.304 | 0.950" | 34056 | 100 Ct. 34056 |

- **Ultra-Thin Jacket**
- **Nosler Proven Accuracy**
- **Special Lead-Alloy Core**
- **Flat-Base Design**

# BALLISTIC TIP®
## LEAD-FREE VARMINT

The Ballistic Tip® Lead-Free™ (BTLF) is everything that varmint and predator hunters expect from a Ballistic Tip®, in a lead-free design. The flat-based, leadless bullet features Nosler's exclusive Fragmenting Copper Core™ Technology which exhibits immediate and rapid expansion, initiated by its metallic-colored polymer tip, at practical varmint shooting velocities of 1600 fps and above.

The BTLF™ can safely be used in all lead-free zones or shooting ranges that require non-magnetic bullets. Users can be confident of the same performance and quality that the Ballistic Tip® has made famous for more than 25 years.




**1 Unique Metallic- Colored Polymer Tip:**
Nestled in the jacket mouth is the stream-lined polymer tip, color-coded by caliber.

**2 Ultra-Thin Copper Jacket:**
Retains structural integrity at ultra-high velocities yet fragments completely upon impact

**3 Fragmenting Copper Core:**
Allows rapid and absolute displacement of target

**4 Flat Base:**
Ballistically engineered for ultra-high velocities and bench rest accuracy

Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient

| | | | | |
|---|---|---|---|---|
| **204 Cal** (.204") | **32 Gr. Spitzer** (Metallic Maroon Tip) | | | BTLF |
| | SD. 0.110 | BC. 0.228 | OAL. 0.745" | PART# |
| | | | | 100 Ct. 45140 |
| **22 Cal** (.224") | **35 Gr. Spitzer** (Metallic Orange Tip) | | | BTLF |
| | SD. 0.100 | BC. 0.201 | OAL. 0.730" | PART# |
| | | | | 100 Ct. 45150 |
| **22 Cal** (.224") | **40 Gr. Spitzer** (Metallic Orange Tip) | | | BTLF |
| | SD. 0.114 | BC. 0.220 | OAL. 0.783" | PART# |
| | | | | 100 Ct. 45160 |
| **22 Cal** (.224") | **50 Gr. Spitzer** (Metallic Orange Tip) | | | BTLF |
| | SD. 0.142 | BC. 0.251 | OAL. 0.900" | PART# |
| | | | | 100 Ct. 45498 |
| **6mm** (.243") | **55 Gr. Spitzer** (Metallic Purple Tip) | | | BTLF |
| | SD. 0.133 | BC. 0.288 | OAL. 0.950" | PART# |
| | | | | 100 Ct. 45170 |

LEAD-FREE

**OPTIMUM PERFORMANCE VELOCITY:**
Minimum: 1600 fps (488mps) / Maximum: Unlimited

# BALLISTIC TIP®
## MUZZLE LOADER

**1 Orange Polymer Tip:**
Maximizes effective range and initiates expansion.

**2 Lead-Alloy Core:**
Engineered for balanced expansion.

**3 Nosler Design:**
Designed for reliable expansion at muzzleloader velocities.

Due to high demand from muzzleloader enthusiasts, Nosler introduced the Ballistic Tip® MZ bullet in 2013. The Ballistic Tip® MZ was created to bring legendary Nosler® Ballistic Tip® rifle bullet accuracy and terminal performance to today's generation of high performance muzzleloading rifles. This new bullet is designed with an orange polymer tip and streamlined ogive to maximize effective shooting range. The polymer tip also assists in initiating bullet expansion upon target impact which is a signature of the Ballistic Tip® line. Created specifically for the lower velocities generated by muzzleloading rifles, the Ballistic Tip® MZ provides reliable expansion and deep penetration over a broad range of velocities.

**Pre-Packaged In 15 Count Blister Packs**

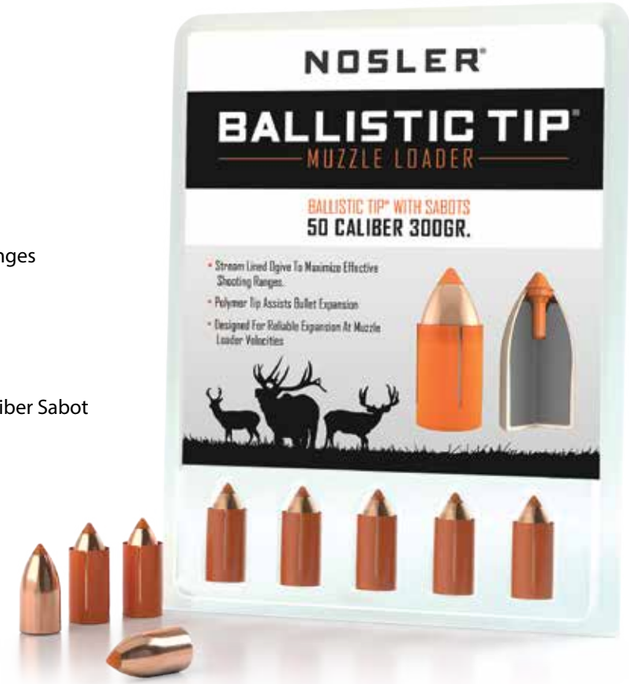
| | | | | |
|---|---|---|---|---|
| **50 Cal** (.500") | **300 Gr. Spitzer** | | | BTMZ |
| | SD. 0.204 | BC. 0.250 | OAL. 0.960" | PART# |
| | | | | 15 Ct. 50300 |

.458" Bullet

**OPTIMUM PERFORMANCE VELOCITY:**
Minimum: 1200 fps / Maximum 1800 fps

- Streamlined Ogive to Maximize Effective Shooting Ranges
- Polymer Tip Assists Bullet Expansion
- Pre-Packaged in 15-count Blister Packs
- .458" Diameter 300gr. Ballistic Tip® Packaged in 50 Caliber Sabot

**.458" 300gr.**
**98% weight retention**
**1300 fps**



# RDF™
## REDUCED DRAG FACTOR

For those wanting to squeeze the most performance from their competition rifle, Nosler's RDF (Reduced Drag Factor) match bullet line is the ideal choice.

Nosler's RDF line was designed from the ground up to provide exceptionally high BCs, which create the flattest trajectory and least wind drift possible. The keys to the RDF's outstanding performance are Nosler's meticulously optimized compound ogive and long, drag reducing boattail, which make handloading a snap and create an incredibly sleek form factor. RDF bullets also have the smallest, most consistent meplats of any hollow point match bullet line, so there is no need to point or trim tips.

Highest B.C.'s, smallest meplat, tighter groups – Nosler RDF.

**1 Very Small Meplat**
**-No trimming or Pointing required**

**2 Compound ogive is insensitive to seating depth**

**3 High BC for flatter trajectory and reduced wind drift**

**RDF BULLETS FEATURE THE SMALLEST MEPLAT OF ANY NON-TIPPED MATCH BULLET.** Nosler knows what gives competitive shooters an edge, isn't an edge at all. It's a point. And we've worked hard to bring you the smallest one ever—creating the flattest shooting match bullet on the market. Make the switch to RDF and put yourself on the podium.

Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient

| 22 Cal (.224") | 70 Gr. HPBT | SD. 0.199 | BC. 0.416 | OAL. 0.965" | RDF PART# |
|---|---|---|---|---|---|
| | | | | | 100 Ct. 53066<br>500 Ct. 53067 |
| GI Ballistic Coefficient 0.416 | | G7 Ballistic Coefficient 0.211 | | | |

| 6mm (.243") | 115 Gr. HPBT | SD. 0.278 | BC. 0.634 | OAL. 1.350 | RDF PART# |
|---|---|---|---|---|---|
| Requires a Minimum 1-7.5" Twist | | | | | 100 Ct. 53507<br>500 Ct. 53518 |
| GI Ballistic Coefficient 0.634 | | G7 Ballistic Coefficient 0.312 | | | |

| 7mm (.284") | 185 Gr. HPBT | SD. 0.328 | BC. 0.719 | OAL. 1.540" | RDF PART# |
|---|---|---|---|---|---|
| | | | | | 100 Ct. 53432<br>500 Ct. 53504 |
| GI Ballistic Coefficient 0.719 | | G7 Ballistic Coefficient 0.357 | | | |

| 22 Cal (.224") | 77 Gr. HPBT | SD. 0.219 | BC. 0.454 | OAL. 1.070 | RDF PART# |
|---|---|---|---|---|---|
| Requires a Minimum 1-8" Twist | | | | | 100 Ct. 53452<br>500 Ct. 54612 |
| GI Ballistic Coefficient 0.454 | | G7 Ballistic Coefficient 0.228 | | | |

| 6.5mm (.264") | 130 Gr. HPBT | SD. 0.266 | BC. 0.615 | OAL. 1.333" | RDF PART# |
|---|---|---|---|---|---|
| | | | | | 100 Ct. 53505<br>500 Ct. 54722 |
| GI Ballistic Coefficient 0.615 | | G7 Ballistic Coefficient 0.307 | | | |

| 30 Cal (.308") | 168 Gr. HPBT | SD. 0.253 | BC. 0.505 | OAL. 1.320 | RDF PART# |
|---|---|---|---|---|---|
| | | | | | 100 Ct. 53182 |
| GI Ballistic Coefficient 0.505 | | G7 Ballistic Coefficient 0.253 | | | |

| 22 Cal (.224") | 85 Gr. HPBT | SD. 0.242 | BC. 0.498 | OAL. 1.135" | RDF PART# |
|---|---|---|---|---|---|
| Requires a Minimum 1-8" Twist | | | | | 100 Ct. 53441<br>500 Ct. 54601 |
| GI Ballistic Coefficient 0.498 | | G7 Ballistic Coefficient 0.245 | | | |

| 6.5mm (.264") | 140 Gr. HPBT | SD. 0.287 | BC. 0.658 | OAL. 1.420" | RDF PART# |
|---|---|---|---|---|---|
| | | | | | 100 Ct. 49824<br>500 Ct. 49825 |
| GI Ballistic Coefficient 0.658 | | G7 Ballistic Coefficient 0.330 | | | |

| 30 Cal (.308") | 175 Gr. HPBT | SD. 0.264 | BC. 0.536 | OAL. 1.330" | RDF PART# |
|---|---|---|---|---|---|
| | | | | | 100 Ct. 53170<br>500 Ct. 53171 |
| GI Ballistic Coefficient 0.536 | | G7 Ballistic Coefficient 0.270 | | | |

| 6mm (.243") | 105 Gr. HPBT | SD. 0.254 | BC. 0.571 | OAL. 1.250" | RDF PART# |
|---|---|---|---|---|---|
| | | | | | 100 Ct. 53410<br>500 Ct. 53411 |
| GI Ballistic Coefficient 0.571 | | G7 Ballistic Coefficient 0.280 | | | |

| 6.5mm (.264") | 150 Gr. HPBT | SD. 0.327 | BC. 0.670 | OAL. 1.505" | RDF PART# |
|---|---|---|---|---|---|
| | | | | | 100 Ct. 49826 |
| GI Ballistic Coefficient 0.670 | | G7 Ballistic Coefficient 0.342 | | | |

| 30 Cal (.308") | 210 Gr. HPBT | SD. 0.316 | BC. 0.707 | OAL. 1.516" | RDF PART# |
|---|---|---|---|---|---|
| | | | | | 100 Ct. 53434<br>500 Ct. 53506 |
| GI Ballistic Coefficient 0.707 | | G7 Ballistic Coefficient 0.348 | | | |

| 338 Cal (.338") | 300 Gr. HPBT | SD. 0.375 | BC. 0.826 | OAL. 1.865 | RDF PART# |
|---|---|---|---|---|---|
| | | | | | 100 Ct. 53445 |
| GI Ballistic Coefficient 0.826 | | G7 Ballistic Coefficient 0.415 | | | |

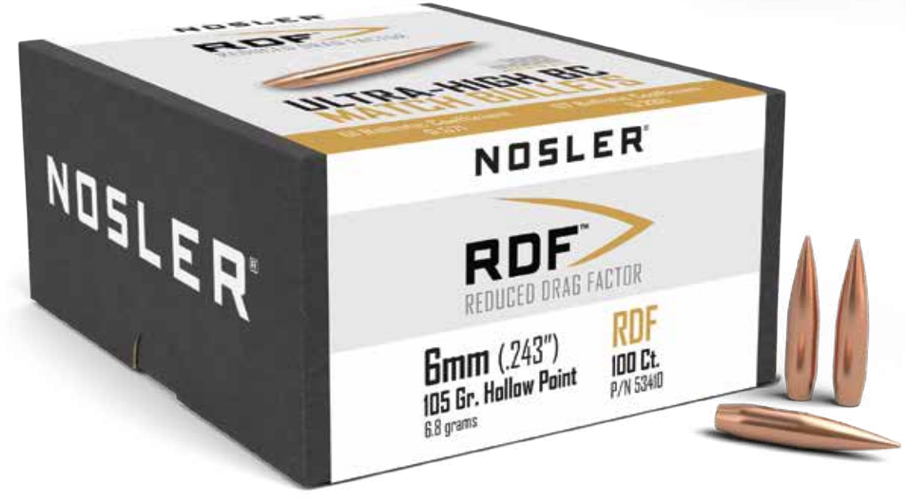
NOSLER®

# ULTRA-HIGH BC MATCH BULLETS

HIGHEST IN CLASS B.C.

# THE POINT

## IS THE POINT



# CUSTOM® COMPETITION
## MATCH BULLETS

Nosler® has blended the accuracy of its Custom Competition® bullet jackets with its own ultra-precise, lead-alloy cores to create the performance standard for match rifle and pistol bullets. The hollow point provides a small meplat for reduced drag and increased aerodynamic efficiency while the pronounced boat-tail design provides efficient flight characteristics over a wide range of velocities.

Try a box of Nosler® Custom Competition® bullets today and experience the match standard.

**1 Hollow Point:**
Provides small meplat for reduced drag and increased aerodynamic efficiency.

**2 Custom Quality Jacket:**
Engineered to exhibit unmatched accuracy.

**3 Form-Fitted, Lead-Alloy Core:**
For maximum bullet stability and balance.

**4 Pronounced Boat-Tail Design:**
Provides excellent flight characteristics over a range of velocities.

Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient

| Caliber / Diameter | Weight & Name | SD | BC | OAL | CC PART# |
|---|---|---|---|---|---|
| 22 Cal (.224") | 52 Gr. HPBT | 0.148 | 0.220 | 0.730" | 100 Ct. 53294<br>250 Ct. 53335 |
| 6.5mm (.264") | 123 Gr. HPBT | 0.252 | 0.510 | 1.200" | 100 Ct. 53415 |
| 30 Cal (.308") | 175 Gr. HPBT | 0.264 | 0.505 | 1.240" | 100 Ct. 53952<br>250 Ct. 53167 |
| 22 Cal (.224") | 69 Gr. HPBT | 0.196 | 0.305 | 0.900" | Requires a Minimum 1-9" Twist<br>100 Ct. 17101<br>250 Ct. 53065 |
| 6.5mm (.264") | 140 Gr. HPBT | 0.287 | 0.529 | 1.307" | 100 Ct. 26725<br>250 Ct. 49823 |
| 30 Cal (.308") | 190 Gr. HPBT | 0.286 | 0.530 | 1.343" | 100 Ct. 53412 |
| 22 Cal (.224") | 77 Gr. HPBT W/Cannelure | 0.219 | 0.340 | 0.980" | Requires a Minimum 1-8" Twist<br>250 Ct. 53033 |
| 6.8mm (.277") | 115 Gr. HPBT W/Cannelure | 0.214 | 0.375 | 0.965" | 100 Ct. 45357<br>250 Ct. 53846 |
| 30 Cal (.308") | 220 Gr. HPBT | 0.331 | 0.690 | 1.530" | 100 Ct. 53154 |
| 22 Cal (.224") | 77 Gr. HPBT | 0.219 | 0.340 | 0.980" | Requires a Minimum 1-8" Twist<br>100 Ct. 22421<br>250 Ct. 53064 |
| 7mm (.284") | 168 Gr. HPBT | 0.298 | 0.520 | 1.290" | 100 Ct. 53418 |
| 8mm (.323") | 200 Gr. HPBT | 0.274 | 0.520 | 1.325" | 100 Ct. 49524 |
| 22 Cal (.224") | 80 Gr. HPBT | 0.228 | 0.415 | 1.065" | Requires a Minimum 1-8" Twist<br>100 Ct. 25116<br>250 Ct. 53080 |
| 30 Cal (.308") | 155 Gr. HPBT | 0.233 | 0.450 | 1.145" | 100 Ct. 53155<br>250 Ct. 53169 |
| 338 Cal (.338") | 250 Gr. HPBT | 0.313 | 0.590 | 1.595" | 100 Ct. 57520 |
| 6mm (.243") | 107 Gr. HPBT | 0.259 | 0.525 | 1.240" | Requires a Minimum 1-8" Twist<br>100 Ct. 49742 |
| 30 Cal (.308") | 168 Gr. HPBT | 0.253 | 0.462 | 1.200" | 100 Ct. 53164<br>250 Ct. 53168 |
| 338 Cal (.338") | 300 Gr. HPBT | 0.375 | 0.800 | 1.725" | 100 Ct. 53515 |





## LOOKING FOR CONSISTENCY?

- Dedicated Machinery Means Uniform Consistency
- Production Lots Are Never Mixed
- Each Bullet is Visually Inspected
- Our Quality is Legendary!

# SPORTING® REVOLVER HANDGUN

**1 Tapered Copper-Alloy Jacket:**
Extremely concentric, tapered jacket is built for maximum accuracy and enhanced game-taking ability.

**2 Well-Defined Cannelure:**
Holds jacket and core together and permits a tight crimp that eliminates bullet movement within the case.

**3 Form-Fitted Pure Lead Core:**
Allows for reliable expansion and maximum accuracy across a broad velocity range.

Jacketed Hollow Point JHP

Jacketed Soft Point JSP

Caliber SD = Sectional Density OAL = Overall Length
Diameter BC = Ballistic Coefficient

| 38 Cal (.357") | 158 Gr. JHP | SD. 0.177 | BC. 0.182 | OAL. 0.775" | SPHG PART# |
|---|---|---|---|---|---|
| | | | | | 250 Ct. 44841 |

| 44 Cal (.429") | 300 Gr. JHP | SD. 0.233 | BC. 0.206 | OAL. 0.976" | SPHG PART# |
|---|---|---|---|---|---|
| | | | | | 100 Ct. 42069 |

| 41 Cal (.410") | 210 Gr. JHP | SD. 0.178 | BC. 0.170 | OAL. 0.687" | SPHG PART# |
|---|---|---|---|---|---|
| | | | | | 100 Ct. 43012 |

| 45 Colt (.451") | 250 Gr. JHP | SD. 0.176 | BC. 0.177 | OAL. 0.774" | SPHG PART# |
|---|---|---|---|---|---|
| | | | | | 100 Ct. 43013 |

| 44 Cal (.429") | 200 Gr. JHP | SD. 0.155 | BC. 0.151 | OAL. 0.610" | SPHG PART# |
|---|---|---|---|---|---|
| | | | | | 250 Ct. 44846 |

| 44 Cal (.429") | 240 Gr. JHP | SD. 0.186 | BC. 0.173 | OAL. 0.710" | SPHG PART# |
|---|---|---|---|---|---|
| | | | | | 250 Ct. 44842 |

| 44 Cal (.429") | 240 Gr. JSP | SD. 0.186 | BC. 0.177 | OAL. 0.700" | SPHG PART# |
|---|---|---|---|---|---|
| | | | | | 250 Ct. 44868 |

- **Skived bullet jacket engineered for reliable expansion at a range of impact velocities**
- **Controlled expansion and penetration for effective energy transfer**
- **Jacket mouth designed for smooth, reliable feeding**
- **Consistent performance and accuracy**

ASP
ASSURED STOPPING POWER

Evolving out of the Sporting Handgun™ line of match-grade bullets, the ASP™ bullet line was designed to create a versatile handgun bullet that can be used for a variety of applications. By adding deep skives to the nose and mouth of the copper jacket, Nosler® has enhanced the expansion characteristics of the ASP™ bullet without sacrificing the accuracy and reliable feeding that the Sporting Handgun™ line has been known for. The skives in the jacket mouth create precise reliefs in the jacket which allow for rapid, consistent, reliable expansion. This reliable expansion assures energy transfer and stopping power while limiting the likelihood of over-penetration. Equally at home on duty or in a defensive role, Law Enforcement professionals and civilians alike can rest assured that the ASP™ bullet will perform when needed.

| 9mm (.355") | 115 Gr. JHP | SD. 0.130 | BC. 0.109 | OAL. 0.511" | ASP PART# |
|---|---|---|---|---|---|
| | | | | | 250 Ct. 44848 |

| 9mm (.355") | 124 Gr. JHP | SD. 0.141 | BC. 0.118 | OAL. 0.560" | ASP PART# |
|---|---|---|---|---|---|
| | | | | | 250 Ct. 43123 |

| 9mm (.355") | 147 Gr. JHP | SD. 0.167 | BC. 0.156 | OAL. 0.630" | ASP PART# |
|---|---|---|---|---|---|
| | | | | | 250 Ct. 43258 |

| 38 Cal (.357") | 125 Gr. JHP | SD. 0.140 | BC. 0.130 | OAL. 0.568" | ASP PART# |
|---|---|---|---|---|---|
| | | | | | 250 Ct. 44912 |

| 10mm (.400") | 135 Gr. JHP | SD. 0.121 | BC. 0.093 | OAL. 0.494" | ASP PART# |
|---|---|---|---|---|---|
| | | | | | 250 Ct. 44852 |

| 10mm (.400") | 150 Gr. JHP | SD. 0.134 | BC. 0.106 | OAL. 0.535" | ASP PART# |
|---|---|---|---|---|---|
| | | | | | 250 Ct. 44860 |

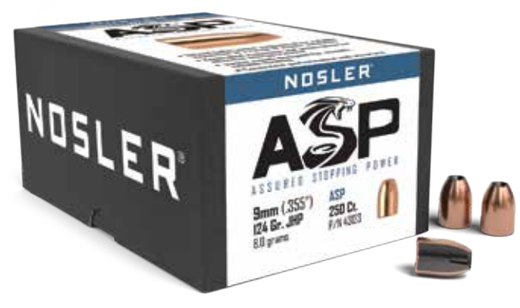
| 10mm (.400") | 180 Gr. JHP | SD. 0.161 | BC. 0.147 | OAL. 0.620" | ASP PART# |
|---|---|---|---|---|---|
| | | | | | 250 Ct. 44885 |

| 10mm (.400") | 200 Gr. JHP | SD. 0.179 | BC. 0.163 | OAL. 0.674" | ASP PART# |
|---|---|---|---|---|---|
| | | | | | 250 Ct. 44952 |

| 44 Cal (.429") | 240 Gr. JHP | SD. 0.186 | BC. 0.185 | OAL. 0.721" | ASP PART# |
|---|---|---|---|---|---|
| | | | | | 250 Ct. 44917 |

| 45 Cal (.451") | 185 Gr. JHP | SD. 0.130 | BC. 0.142 | OAL. 0.530" | ASP PART# |
|---|---|---|---|---|---|
| | | | | | 250 Ct. 44847 |

| 45 Cal (.451") | 230 Gr. JHP | SD. 0.162 | BC. 0.175 | OAL. 0.635" | ASP PART# |
|---|---|---|---|---|---|
| | | | | | 250 Ct. 44922 |



# NOSLER®
## PREMIUM BRASS

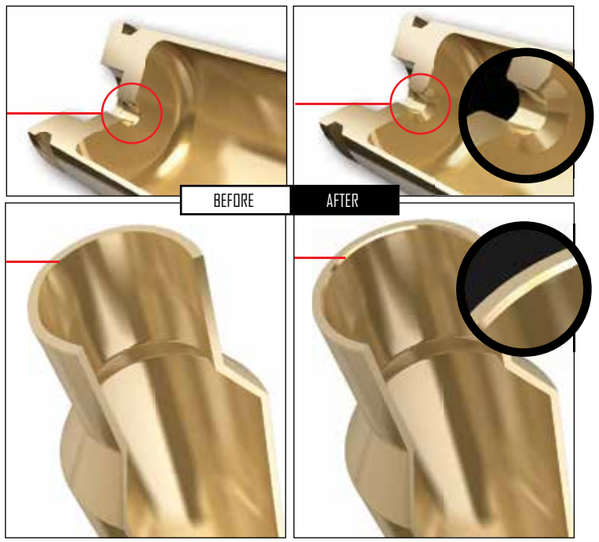
"Build the perfect load" has long been the motto of handloaders loyal to Nosler brand bullets–and was the sole reason we developed Nosler® cartridge brass. Introduced in 2005, the Nosler® cartridge brass line is ready to load. Manufactured with the traditional Nosler philosophy of uncompromising attention to detail, Nosler® cartridge brass is created to exact dimensional standards and tolerances, using quality materials for maximum accuracy and consistency potential while extending case life. Nosler® brass also undergoes the rigorous quality control that premium Nosler bullets have experienced for over 75 years. Each piece of brass is completely prepped and ready to load. The case mouths have been chamfered and deburred. The flash holes are deburred and then checked for proper alignment. Each piece of brass is visually inspected at the factory and sealed in the box until you open them. Together, Nosler bullets and brass are the ingredients for the perfect load.

## FULLY PREPPED, READY TO LOAD!

- Fully prepped, ready to load
- Case mouths are chamfered and deburred
- Nosler® Brass is hand-inspected and weight-sorted
- Flash holes are deburred and checked for proper alignment
- Quality made, Nosler® Brass is packaged in quantities of 25, 50 and 100 count boxes
- Each piece of brass is full length sized and trimmed to proper length

**Brass Appendix** Detailed product information and offerings are in the appendix, located on page 53.

Flash holes are deburred and checked for proper alignment




Case mouths are chamfered and deburred

Each piece of Nosler® cartridge brass bears the "Nosler" headstamp and is manufactured under the company's strict policy of "quality first." With uncompromising attention to detail, each round of Nosler cartridge brass is made to precise dimensional standards and tolerances using top-grade

materials to maximize accuracy and consistency while extending case life. Each piece of brass is completely prepped and ready to load. Case mouths are deburred and chamfered. Flash holes are deburred, and then checked for proper alignment. Every piece of brass is full-length sized, and then visually inspected to ensure that it is free from manufacturing flaws or blemishes. Each box of brass is weight-sorted so that every piece in a box is weight-matched within 1%. Nosler cartridge brass comes packaged in boxes of 25, 50 or 100 pieces.



# NOSLER®
## BULK BRASS

- Unprepped, raw brass
- Nosler Headstamp
- Non weight-sorted
- Bulk packaging

## PREMIUM, UNPREPPED BRASS

Nosler bulk brass was created for high-volume handloaders that want Nosler quality brass, but don't need it to be prepped. Nosler bulk brass is manufactured from the same materials and to the same tolerances as Nosler's prepped, boxed brass, but rather than being prepped, and weight-sorted, Nosler bulk brass is bagged raw in 100ct. or 250ct. bags to provide you with the best raw materials for creating your perfect load. Brass should be full-length sized and trimmed to length before loading.

- **FULL-LENGTH SIZE BEFORE LOADING.**
- **NON WEIGHT-SORTED.**

### Nosler Bulk Brass

| | |
|---|---|
| 10178 | 17 Rem Fireball Bulk Bag (100ct) |
| 10057 | 204 Ruger Bulk Bag (250ct) |
| 10066 | 22 Hornet Bulk Bag (250ct) |
| 10059 | 222 Rem Mag Bulk Bag (250ct) |
| 10099 | 223 Rem Bulk Bag (250ct) |
| 10068 | 22 Nosler Bulk Bag (250ct) |
| 10262 | 22 Creedmoor-LRP Bulk Bag (50ct) |
| 10192 | 6mm Creedmoor-LRP Bulk Bag (100 ct) |
| 10077 | 24 Nosler Bulk Bag (250ct) |
| 10264 | 25 Creedmoor-LRP Bulk Bag (50ct) |
| 10211 | 6.5mm Creedmoor-LRP Bulk Bag (100 ct) |
| 10250 | 6.5 Creedmoor-SRP (50 ct) |
| 11355 | 260 Rem Bulk Bag (100ct) |
| 45124 | 300 Blackout Bulk Bag (250ct) |
| 10082 | 30-30 Win Bulk Bag (100ct) |
| 10193 | 7.62x39 Nosler Bulk Bag (100ct) |
| 10268 | 350 Legend Bulk Bag (50ct) |
| 10266 | 45/70 Govt Bulk Bag (50ct) |

NOSLER®

Now, when you hunt with select Nosler Trophy Grade® and Expansion Tip™ ammunition, you're not only ensuring success for this season, you're ensuring success for future generations as well. That's because your purchase of licensed boxes of Nosler® ammunition and Partition bullets directly support the work of RMEF.

## ENSURE THIS YEAR'S HARVEST, AND THE NEXT YEAR'S AS WELL.

"Elk hunting has been in Nosler's DNA for three generations. Since my grandfather founded our company in 1948, he taught my family that conservation is an integral part of our business. Supporting the work RMEF has done and continues to do will ensure that our children and grandchildren can also experience the thrill of hearing a bugle on a crisp fall morning. Nosler, Inc. is proud to partner with RMEF and continue our shared heritage of elk hunting and conservation." **John Nosler, President**

RMEF

RMEF OFFICIAL LICENSED PRODUCT

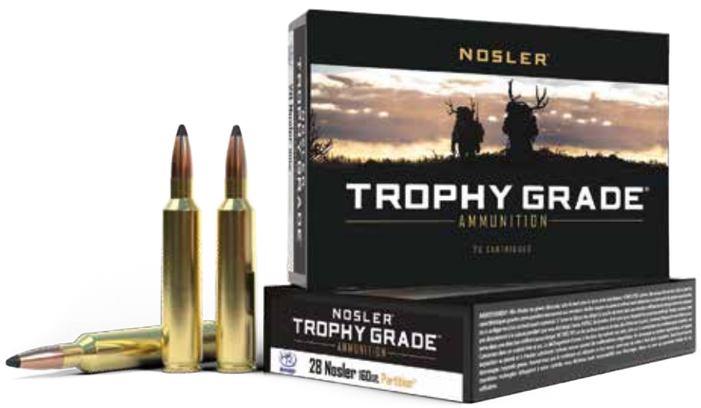
**Look for the RMEF logo on these Licensed Nosler products:**

### Ammunition

| | |
|---|---|
| 61016 | 6.5mm Creedmoor 140gr PT (20ct) |
| 61235 | 270 Win 150gr PT (20ct) |
| 40033 | 7mm-08 Rem 140gr ET (20ct) |
| 61054 | 7mm Rem Mag 160gr PT (20ct) |
| 61010 | 28 Nosler 160gr PT (20ct) |
| 60053 | 308 Win 165gr PT (20ct) |
| 46142 | 30-06 Sprg 180gr PT (20ct) |
| 40038 | 300 Win Mag 180gr ET (20ct) |
| 61056 | 300 Win Mag 180gr PT (20ct) |
| 40012 | 300 Wby Mag 180gr ET (20ct) |
| 61058 | 338 Win Mag 210gr PT (20ct) |

### Bullets

| | |
|---|---|
| 16323 | 270 cal. 150gr Partition |
| 16327 | 7mm 160gr Partition |
| 16331 | 30 cal 180gr Partition |
| 35277 | 8mm 200gr Partition |
| 16337 | 338 cal 210gr Partition |

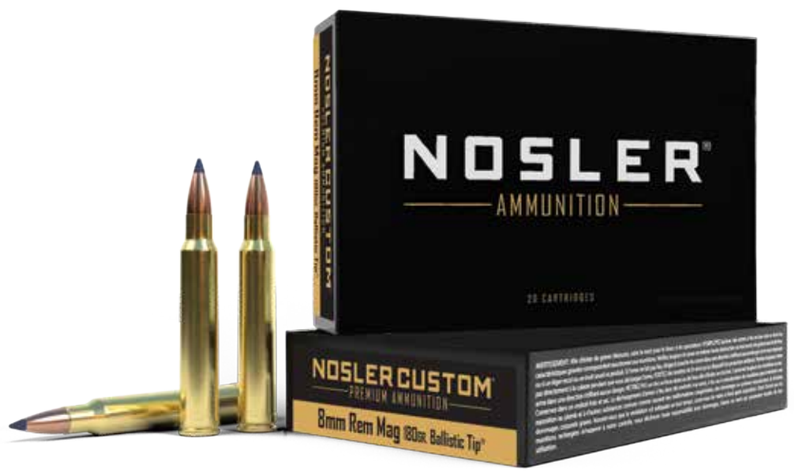





# NOSLER CUSTOM®
## PREMIUM AMMUNITION

NoslerCustom ammunition was created to offer something different from the standard loadings in our other commercial lines. Offered in less-common bullet weights and cartridges that aren't included in our Trophy Grade ammunition, NoslerCustom provides bullet options and cartridges that are otherwise only available to handloaders. Loaded in small batches using the finest Nosler components, NoslerCustom ammunition is available exclusively at Nosler.com and select dealers.

| | |
|---|---|
| 02015 | NCA-22 Hornet 40g BT SP (50ct) |
| 04016 | NCA-221 Rem Fireball 40g BT SP (50ct) |
| 05091 | NCA-222 Rem 50g BT SP (50ct) |
| 06088 | NCA-222 Rem Mag 50g BT SP (50ct) |
| 10210 | NCA-25-06 Rem 110g AB SP (20ct) |
| 11025 | NCA-257 Roberts +P 100g PT SP (20ct) |
| 11056 | NCA-257 Roberts +P 100g BT SP (20ct) |
| 11064 | NCA-257 Roberts +P 115g BT SP (20ct) |
| 12035 | NCA-257 Wby Mag 100g ET SP (20ct) |
| 12043 | NCA-257 Wby Mag 115g PT SP (20ct) |
| 14072 | NCA-264 Win Mag 125g PT SP (20ct) |
| 14083 | NCA-264 Win Mag 140g PT SP (20ct) |
| 15220 | NCA-270 WSM 150g PT SP (20ct) |
| 15805 | NCA-280 Rem 160g PT SP (20ct) |
| 15823 | NCA-280 Ackley 168g ABLR SP (20ct) |
| 16019 | NCA-7mm SAUM 140g AB SP (20ct) |
| 16058 | NCA-7mm SAUM 160g PT SP (20ct) |
| 16062 | NCA-7mm SAUM 168g ABLR SP (20ct) |
| 18420 | NCA-7mm Rem Mag 150g PT SP (20ct) |
| 18410 | NCA-7mm Rem Mag 175g PT SP (20ct) |
| 17036 | NCA-7mm STW 140g AB SP (20ct) |
| 18705 | NCA-7mm RUM 160g PT SP (20ct) |
| 18711 | NCA-28 NOSLER 175g PT SP (20ct) |
| 37080 | NCA-30-06 Sprg 190g ABLR SP (20ct) |
| 19045 | NCA-300 SAUM 150g AB SP (20ct) |
| 19005 | NCA-300 SAUM 180g AB SP (20ct) |
| 23320 | NCA-300 Win Mag 165g PT SP (20ct) |
| 23300 | NCA-300 Win Mag 200g AB SP (20ct) |
| 20063 | NCA-300 H&H 180g PT SP (20ct) |
| 22005 | NCA-300 Wby Mag 180g PT SP (20ct) |
| 23001 | NCA-30-378 Wby Mag 180g PT SP (20ct) |
| 24605 | NCA-8x57 JS Mauser 180g BT SP (20ct) |
| 24610 | NCA-8x57 JS Mauser 200g AB SP (20ct) |
| 24410 | NCA-8mm Rem Mag 180g BT SP (20ct) |
| 24400 | NCA-8mm Rem Mag 200g AB SP (20ct) |
| 24405 | NCA-8mm Rem Mag 200g PT SP (20ct) |
| 28075 | NCA-338 Lapua 250g AB SP (20ct) |
| 28087 | NCA-338 Lapua 300gr ABLR (20ct) |
| 30016 | NCA-35 Whelen 225g PT SP (20ct) |
| 30020 | NCA-35 Whelen 250g PT SP (20ct) |
| 31010 | NCA-350 Rem Mag 225g PT SP (20ct) |
| 34010 | NCA-375 H&H 260g AB SP (20ct) |



# NOSLER® WHITETAIL COUNTRY

# PROVEN

Whether you're chasing that trophy buck, shooting management deer, or simply filling the freezer, you need ammunition you can rely on for a quick, clean kill every time. Loaded with either the legendary Solid Base® bullet or the high-performance Straight-Wall bullet, Whitetail Country™ ammunition is crafted with decades of hunting expertise and engineered specifically for deer. A step above the rest, it delivers consistent, reliable performance in every round at an unbeatable value. Whitetail Country™ ammunition sets a new standard in deer hunting with exceptional bullet penetration and expansion to kill deer quick.

## SOLID BASE®

CONSISTENT, RELIABLE PERFORMANCE

BOAT-TAILED PROFILE ENHANCES ACCURACY

LETHAL EXPANSION AND PENETRATION

**50 yards**
30" Gel Penetration

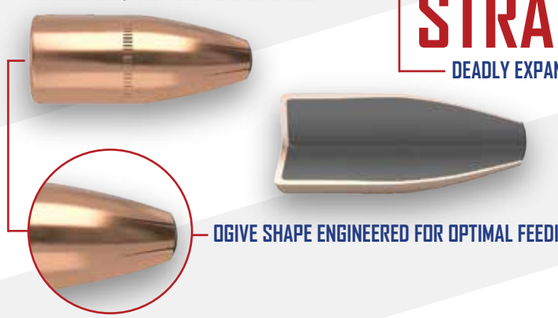
**400 yards**
32" Gel Penetration

**Whitetail Country™ Solid Base®**

| | |
|---|---|
| 40122 | 243 Win 100gr SB |
| 40105 | 6.5 Creed 140gr SB |
| 40107 | 6.5x55 Swedish 140gr SB |
| 40110 | 270 Win 130gr SB |
| 40115 | 7mm-08 Rem 140gr SB |
| 40135 | 30/30 Win 150gr SB-RN |
| 40128 | 308 Win 150gr SB |
| 40120 | 308 Win 165gr SB |
| 40132 | 30-06 SPRG 150gr SB |
| 40125 | 30-06 SPRG 165gr SB |

## STRAIGHT-WALL

CONSISTENT, RELIABLE PERFORMANCE



OGIVE SHAPE ENGINEERED FOR OPTIMAL FEEDING

DEADLY EXPANSION AT SLOWER VELOCITY/EXTENDED RANGE

**50 yards**
18" Gel Penetration

**200 yards**
25" Gel Penetration

**Whitetail Country™ Straight-Wall**

| | |
|---|---|
| 40130 | 350 Legend 180gr SW |
| 40138 | 400 Legend 215gr SW |
| 40145 | 45-70 Govt 300gr SW |

# TROPHY GRADE™
## AMMUNITION

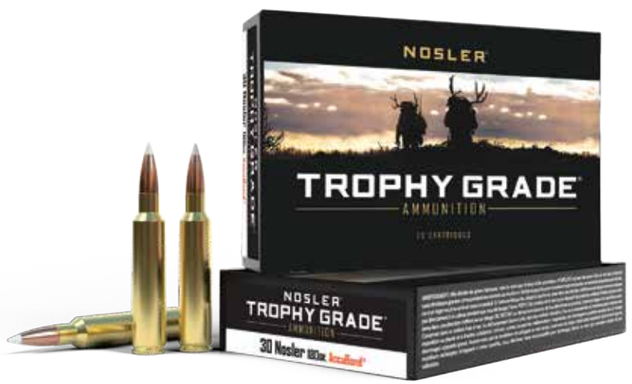
The Nosler ballistics team, long respected in the hunting and shooting industry for reliable and precise reloading data, is the driving force behind Nosler® Trophy Grade™ Ammunition. Trophy Grade Ammunition brings Nosler's unsurpassed quality standards in accuracy and consistency directly to the shelf of your favorite gunshop or outdoor retailer.

Manufactured to Nosler's strict quality standards, Trophy Grade™ ammunition uses Nosler® Brass and Nosler® bullets to attain optimum performance, no matter where your hunting trip takes you. Whether you want your ammunition loaded with AccuBond®, Partition®, AB-LR®, Nosler® Trophy Grade Ammunition will have the right load for the right game.

### TROPHY GRADE™ OFFERINGS

61036 223 Rem 70gr AB (20ct)
60918 22 Nosler 70gr AB (20ct)
60152 22 Creedmoor 70gr AB (20ct)
48263 243 Win 90gr AB (20ct)
61046 243 Win 100gr PT (20ct)
60142 6mm Creedmoor 90gr AB (20ct)
60010 257 Roberts +P 110gr AB (20ct)
60005 25-06 Rem 100gr PT (20ct)
60080 6.5mm Creedmoor 140gr AB (20ct)
61016 6.5mm Creedmoor 140gr PT (20ct)
60022 6.5x55 Swedish 140gr AB (20ct)
60024 260 Rem 130gr AB (20ct)
60040 6.5mmx284 Norma 140gr AB (20ct)
60019 264 Win Mag 130gr AB (20ct)
61014 6.5 PRC 140gr AB (20ct)
60014 26 Nosler 140gr AB (20ct)
60025 270 Win 130gr AB (20ct)
61024 270 Win 130gr PT (20ct)
61235 270 Win 150gr PT (20ct)
60030 270 WSM 140gr AB (20ct)
61026 27 Nosler 150gr AB (20ct)
47118 7x57 Mauser 140gr AB (20ct)
60042 7mm-08 Rem 140gr AB (20ct)
48545 280 Rem 140gr AB (20ct)
60043 280 Ack Imp 140gr AB (20ct)
60076 280 Ack Imp 160gr AB (20ct)
60044 280 Ack Imp 160gr PT (20ct)
60045 7mm SAUM 160gr AB (20ct)
60033 7mm Rem Mag 140gr AB (20ct)
47284 7mm Rem Mag 160gr AB (20ct)
61054 7mm Rem Mag 160gr PT (20ct)
61242 7mm PRC 160gr AB (20ct)
60046 7mm STW 140gr PT (20ct)
60047 7mm STW 160gr AB (20ct)
60048 7mm RUM 160gr AB (20ct)
60035 28 Nosler 160gr AB (20ct)
61010 28 Nosler 160gr PT (20ct)
60056 308 Win 150gr AB (20ct)
60049 308 Win 165gr AB (20ct)
60053 308 Win 165gr PT (20ct)
60055 30-06 Sprg 150gr PT (20ct)
60057 30-06 Sprg 165gr AB (20ct)
61018 30-06 Sprg 165gr PT (20ct)
46134 30-06 Sprg 180gr AB (20ct)
46142 30-06 Sprg 180gr PT (20ct)
60093 308 Norma Mag 180gr AB (20ct)
60061 300 SAUM 165gr PT (20ct)
60062 300 SAUM 180gr PT (20ct)
60060 300 H&H 180gr AB (20ct)
60063 300 WSM 180gr AB (20ct)
60059 300 Win Mag 180gr AB (20ct)
61056 300 Win Mag 180gr PT (20ct)
60069 300 Win Mag 200gr PT (20ct)
48643 300 Wby Mag 180gr AB (20ct)
60117 30 Nosler 180gr AB (20ct)
61012 30 Nosler 200gr AB (20ct)
60094 30-378 Wby Mag 180gr AB (20ct)
60064 300 RUM 165gr PT (20ct)
60065 300 RUM 180gr AB (20ct)
60066 300 RUM 180gr PT (20ct)
60165 300 RUM 200gr AB (20ct)
60077 325 WSM 200gr AB (20ct)
60160 8mm Rem Mag 180gr BT (20ct)
60095 8mm Rem Mag 200gr AB (20ct)
61058 338 Win Mag 210gr PT (20ct)
60074 338 Win Mag 225gr AB (20ct)
60086 338 Win Mag 250gr AB (20ct)
60082 338 Win Mag 250gr PT (20ct)
60112 340 Wby Mag 300gr AB (20ct)
60098 33 Nosler 225gr AB (20ct)
60134 33 Nosler 250gr PT (20ct)
60083 338 RUM 225gr AB (20ct)
49323 338 Lapua 300gr AB (20ct)
60081 35 Whelen 225gr AB (20ct)
48634 9.3x62 Mauser 250gr AB (20ct)
60090 375 H&H 260gr PT (20ct)
60070 375 H&H 300gr AB (20ct)

PARTITION PT
ACCUBOND AB






### TROPHY GRADE™ LONG-RANGE OFFERINGS

60146 6.5mm Grendel 129gr ABLR (20ct)
60091 6.5mm Creedmoor 129gr ABLR (20ct)
60105 6.5mm Creedmoor 142gr ABLR (20ct)
61232 6.5 PRC 142gr ABLR (20ct)
60110 26 Nosler 129gr ABLR (20ct)
60122 26 Nosler 142gr ABLR (20ct)
61052 26 Nosler 150gr ABLR (20ct)
60125 270 Win 150gr ABLR (20ct)
60114 270 WSM 150gr ABLR (20ct)
60150 270 Wby Mag 150gr ABLR (20ct)
61237 27 Nosler 165gr ABLR (20ct)
61020 7mm-08 Rem 150gr ABLR (20ct)
60116 280 Ack Imp 150gr ABLR (20ct)
60108 7mm Rem Mag 168gr ABLR (20ct)
60104 7mm STW 175gr ABLR (20ct)
61239 7mm PRC 175gr ABLR SP (20ct)
60120 7mm RUM 175gr ABLR (20ct)
60155 28 Nosler 175gr ABLR (20ct)
60101 308 Win 168gr ABLR (20ct)
60102 30-06 Sprg 168gr ABLR (20ct)
60106 300 WSM 190gr ABLR (20ct)
60126 300 Win Mag 190gr ABLR (20ct)
60131 300 Wby Mag 210gr ABLR (20ct)
60118 30 Nosler 210gr ABLR (20ct)
60133 30-378 Wby Mag 210gr ABLR (20ct)
60129 300 RUM 210gr ABLR (20ct)
60099 33 Nosler 265gr ABLR (20ct)

**Cases checked for correct length**

**Necks sized, chamfered and trued**

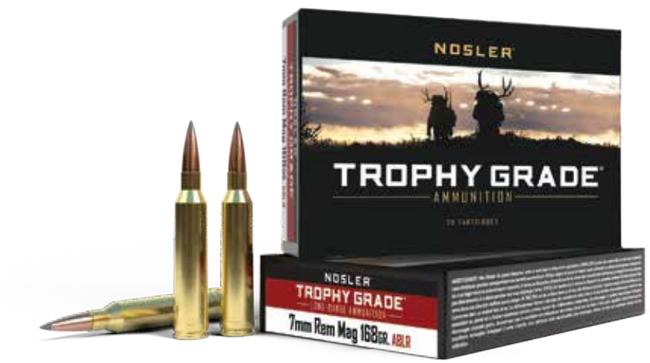
**Flash holes checked for proper alignment**

**Powder charges are meticulously weighed**

**Finished rounds are visually inspected and polished**

**High-performance powder and bullet combinations**

ACCUBOND LONG-RANGE ABLR

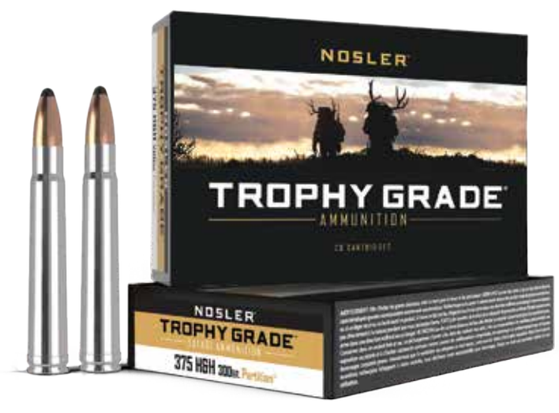



For years, hunters around the globe have relied on the quality and consistency of Nosler bullets. That same quality and consistency is now available in both 10 and 20 round boxes of Nosler Safari Ammunition. Loaded with either the Partition® or Nosler Solid™ and designed for the same point of impact with either bullet, Nosler Safari Ammunition provides the ultimate versatility for any dangerous game situation.

### TROPHY GRADE™ SAFARI OFFERINGS

40602 9.3x62 Mauser 286gr PT (20ct)
40606 375 H&H 300gr PT (20ct)
40608 375 H&H 300gr SD (20ct)
40632 470 Nitro Express 500gr SD (10ct)
40638 500 Nitro Express 570gr SD (10ct)

PARTITION PT
SOLID SD



# BALLISTIC TIP®
## AMMUNITION

• Nosler® Ballistic Tip® ammunition is loaded up front with the accurate and reliable, Nosler® Ballistic Tip® Bullet.

• Bullet weights and muzzle velocities are optimized for maximum effectiveness on Deer, Antelope, and Hogs

• Every round is visually inspected prior to packaging

• The 7mm-120gr and 30-125gr Ballistic Tip® bullets are designed with slightly thicker jackets to withstand higher impact velocities and excellent terminal performance. These light for caliber bullets provide higher velocity, less recoil and massive energy transfer.

## BULLET INFORMATION

Over 30 years of continual improvement, design refinement, and manufacturing expertise make the Ballistic Tip® Hunting bullet, the best choice for America's most popular game.

• Tapered bullet jacket controls expansion for the ideal balance of penetration and energy transfer.

• Proven track-record of accuracy and game-killing terminal performance.

TIP COLOR BY CALIBER

| | |
|---|---|
| 6mm | 7mm |
| 25 cal | 30 cal |
| 6.5mm | 8mm |
| 270 cal | 458 cal |

BALLISTIC TIP **BT**

## BALLISTIC TIP® AMMUNITION OFFERINGS

40041 243 Win 70gr BT (20ct)
40050 243 Win 90gr BT (20ct)
40071 25-06 Rem 115gr BT (20ct)
61023 6.5 Grendel 120gr BT (20ct)
61053 6.5x55 Swedish 140gr BT (20ct)
42050 6.5mm Creedmoor 120gr BT (20ct)
40064 6.5mm Creedmoor 140gr BT (20ct)
40056 260 Rem 120gr BT (20ct)
61027 260 Rem 140gr BT (20ct)
43457 6.5 PRC 140gr BT (20ct)
43459 26 Nosler 140gr BT (20ct)
40062 270 Win 130gr BT (20ct)
40055 270 Win 140gr BT (20ct)
40060 7mm-08 Rem 120gr BT (20ct)
40059 7mm-08 Rem 140gr BT (20ct)
40073 280 Rem 140gr BT (20ct)
43504 280 Ack Imp 140gr BT (20ct)
40045 7mm Rem Mag 150gr BT (20ct)
43461 7mm Rem Mag 160gr BT (20ct)
43465 7mm PRC 160gr BT (20ct)
43463 28 Nosler 160gr BT (20ct)
61032 300 Blackout 125gr BT (20ct)
61050 300 Blackout 220gr BT RN (20ct)
40065 30-30 Win 150gr BT (20ct)
40061 308 Win 125gr BT (20ct)
61028 308 Win 150gr BT (20ct)
40063 308 Win 165gr BT (20ct)
61035 300 WSM 165gr BT (20ct)
40068 30-06 Sprg 125gr BT (20ct)
40043 30-06 Sprg 165gr BT (20ct)
40072 30-06 Sprg 180gr BT (20ct)
40053 300 Win Mag 180gr BT (20ct)
40069 7.62x39 123gr BT (20ct)

# BALLISTIC TIP®
## VARMINT AMMUNITION

• Nosler® Ballistic Tip® ammunition is loaded up front with the accurate and reliable, Nosler® Ballistic Tip® Bullet.

• Bullet weights and muzzle velocities are optimized for maximum effectiveness on Varmint.

• Every round is visually inspected prior to packaging.

## BULLET INFORMATION

Nosler® Ballistic Tip® Varmint bullets thrive on ultra-high velocity loads yet will go the distance with spectacular results all the way down to the lowest practical velocity levels. This is made possible by the proprietary manufacturing process that allows for several key benefits for varmint shooters. First, the BT Varmint has a solid, boat-tail base for increased ballistic coefficient and ease of reloading. Second, it is constructed with thick jacket walls, eliminating the chance of air solubility at extreme velocities. Third, the jacket thins at the nose of the bullet which combined with the polymer tip creates rapid and explosive expansion. Fast or slow, near or far, no matter what rifle /cartridge combination you're shooting or what varmint you're shooting at, Nosler® Ballistic Tip® Varmint delivers match-grade accuracy with all the performance characteristics serious varminters are looking for.

TIP COLOR BY CALIBER

| | |
|---|---|
| 204 | 6mm |
| 22 | 25 cal |

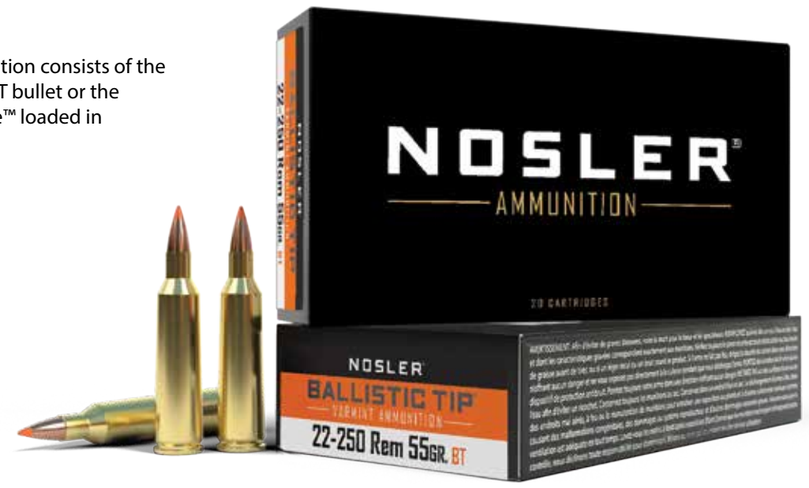
BT LEAD-FREE **BTLF**

BALLISTIC TIP VARMINT **BT**

## BALLISTIC TIP® AMMUNITION OFFERINGS

61040 204 Ruger 32gr BT-LF (20ct)
61021 204 Ruger 40gr BT (20ct)
61042 223 Rem 35gr BT-LF (20ct)
61025 223 Rem 55gr BT (20ct)
61030 22 Nosler 55gr BT (20ct)
61038 22-250 Rem 35gr BT-LF (20ct)
61044 22-250 Rem 40gr BT-LF (20ct)
61034 22-250 Rem 55g BT (20ct)

Ballistic Tip® VARMINT Ammunition consists of the venerable Ballistic Tip® VARMINT bullet or the frangible Ballistic Tip® Lead Free™ loaded in Nosler® Brass.



# EXPANSION TIP®
## LEAD-FREE AMMUNITION

We've created our Expansion Tip® ammunition line to offer an affordable, lead-free ammunition alternative for hunters who are either required or choose to use a lead-free bullet. However, the advantages of the Expansion Tip® bullet are not limited to the material from which it is made. The greatest advantage offered by the Expansion Tip® bullet is its extremely high weight retention. Because the Expansion Tip® retains so much weight, it provides extremely deep penetration and consistently straight wound channels. The Expansion Tip® smashes through heavy bone and muscle, typically performing like a much heavier bonded or lead-cored bullet. This high degree of penetration provides a significant advantage when hunting large game with non-magnum calibers. Offered in a variety of traditional American hunting cartridges, Expansion Tip® ammunition is an excellent choice for any North American big game or African plains game.

- Nosler® Expansion Tip® ammunition is loaded up front with the high-performance, lead-free, E-Tip® hunting bullet
- Expansion Tip® bullet combines uniform expansion with 95%+ weight retention for superior penetration and excellent terminal performance on all types of big game
- Every round is visually inspected prior to packaging

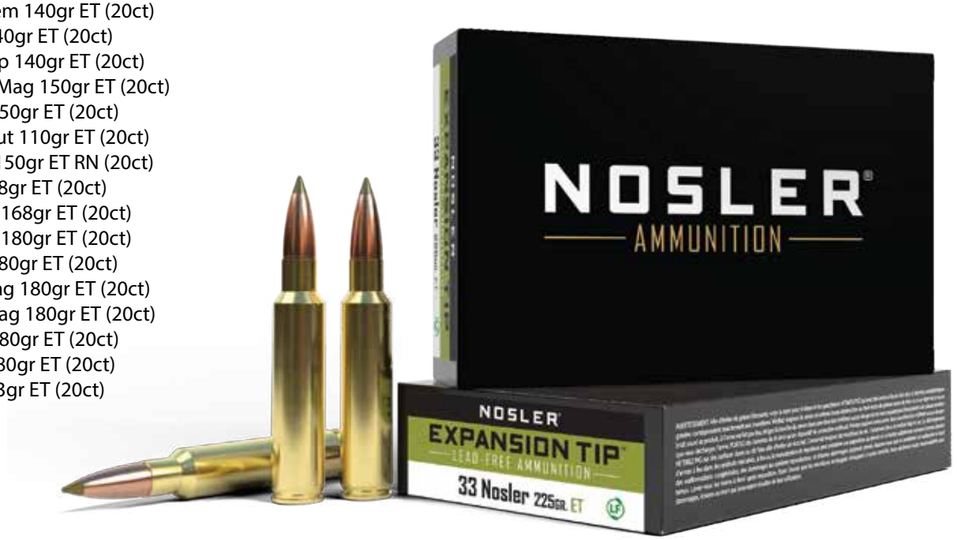
Loaded With Nosler® Bullets

EXPANSION TIP **ET**

### EXPANSION TIP AMMUNITION OFFERINGS

40150 223 Rem 55gr ET (20ct)
40140 22 Nosler 55gr ET (20ct)
40030 243 Win 90gr ET (20ct)
40238 25-06 Rem 100gr ET (20ct)
40398 6.5mm Creedmoor 120gr ET (20ct)
40015 6.5x55 Swedish120gr ET (20ct)
40688 6.5 PRC 120gr ET (20ct)
40031 270 Win 130gr ET (20ct)
40142 270 WSM 130gr ET (20ct)
40481 7x57 Mauser 140gr ET (20ct)
40033 7mm-08 Rem 140gr ET (20ct)
40511 280 Rem 140gr ET (20ct)
40067 280 Ack Imp 140gr ET (20ct)
40032 7mm Rem Mag 150gr ET (20ct)
40039 28 Nosler 150gr ET (20ct)
40660 300 Blackout 110gr ET (20ct)
40670 30-30 Win 150gr ET RN (20ct)
40035 308 Win 168gr ET (20ct)
40036 30-06 Sprg 168gr ET (20ct)
40037 30-06 Sprg 180gr ET (20ct)
40152 300 WSM 180gr ET (20ct)
40038 300 Win Mag 180gr ET (20ct)
40012 300 Wby Mag 180gr ET (20ct)
40330 30 Nosler 180gr ET (20ct)
40144 300 RUM 180gr ET (20ct)
40040 7.62x39 123gr ET (20ct)
40643 8mm Mauser (8x57) 180gr ET (20ct)
40146 325 WSM 180gr ET (20ct)
40154 338 Win Mag 225gr ET (20ct)
40042 33 Nosler 225gr ET (20ct)
40393 9.3x62 Mauser 250gr ET (20ct)
40395 375 H&H 260gr ET (20ct)

LF






# VARMAGEDDON®
## VARMINT AMMUNITION

Nosler's Varmageddon® line of loaded ammunition and component bullets. Featuring a highly accurate polymer tip or hollow point combined with a flat base design, Varmageddon® products were created for the high-volume varmint shooter who requires the utmost precision. Loaded with Nosler® brass, Varmageddon® ammunition provides the highest levels of performance for any varmint hunter.

- Cases checked for correct length
- Necks sized, chamfered and trued
- Flash holes checked for proper alignment
- Powder charges are meticulously weighed
- Finished rounds are visually inspected and polished
- High-performance powder and bullet combinations

Loaded With Nosler® Bullets

VARMAGEDDON TIPPED **VMG**

VARMAGEDDON HP **VMG**

### VARMAGEDDON OFFERINGS

63100 17 Rem Fireball 20gr FBT (20ct)
65105 17 Rem 20gr FBT (20ct)
65100 17 Rem 20gr HPFB (20ct)
65115 204 Ruger 32gr FBT (20ct)
41132 22 Hornet 35gr FBT (50ct)
65125 221 Rem Fireball 40gr FBT (20ct)
65135 222 Rem 40gr FBT (20ct)
65137 222 Rem 50gr FBT (20ct)
65139 223 Rem 53gr FBT (20ct)
65145 223 Rem 55gr FBT (20ct)
40223 223 Rem 62gr HPFB (20ct)
65177 22 Nosler 53gr FBT (20ct)
65180 22 Nosler 62gr HPFB (50ct)
65155 22-250 Rem 55gr FBT (20ct)
65170 6mm Creedmoor 70gr FBT (20ct)
65165 243 Win 55gr FBT (20ct)
61029 243 Win 70gr FBT (20ct)
65175 6.5mm Creedmoor 90gr FBT (20ct)
65182 6.5mm Grendel 90gr FBT (20ct)
40127 300 Blackout 110gr FBT (20ct)
40272 308 Win 110gr FBT (20ct)
60176 7.62x39 123gr FBT (20ct)

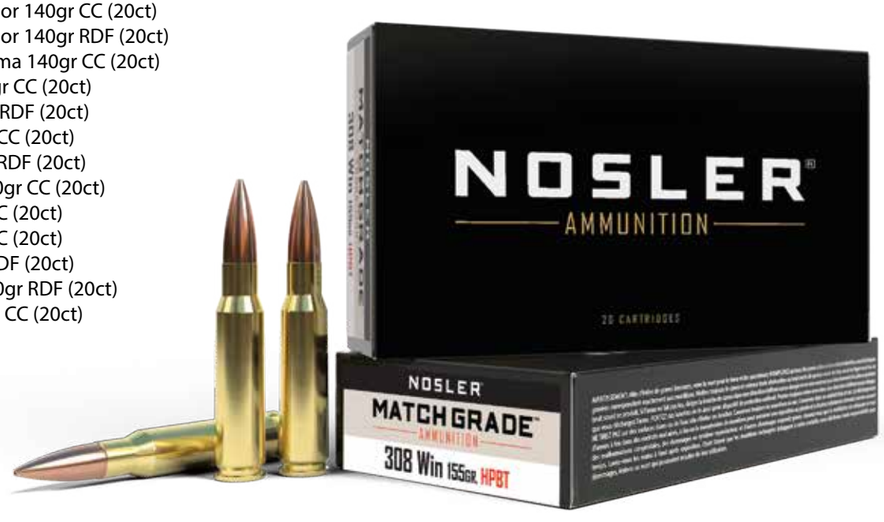
# MATCH GRADE®
AMMUNITION

Match Grade-RDF ammunition brings all of the ballistic advantages of the RDF bullet line to loaded ammunition. Designed specifically for long range competition, the RDF bullets feature highest in class BC's and incredibly small meplats for consistent precision and flat trajectory at long range. Loaded in premium Nosler brass, Match Grade-RDF ammunition is carefully loaded with precise, high-performance powder charges for accuracy and consistency that competitors can depend on.

Nosler® Match Grade™ Ammunition consists of Nosler's precisely-designed Custom Competition® bullets along with Nosler® Brass. Because of Nosler's unsurpassed quality standards, each piece of brass is checked for correct length, neck-sized, chamfered, trued and flash holes are checked for proper alignment. To further ensure our reputation for quality and consistency, powder charges are meticulously weighed and finished rounds are visually inspected and polished.

## NOSLER MATCH GRADE™ RIFLE OFFERINGS

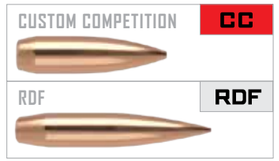
| | |
|---|---|
| 60130 | 223 Rem 70gr RDF (20ct) |
| 60011 | 223 Rem 77gr CC (20ct) |
| 60124 | 22 Nosler 70gr RDF (20ct) |
| 60016 | 22 Nosler 77gr CC (20ct) |
| 51297 | 22 Creedmoor 85gr RDF(20ct) |
| 60135 | 6mm Creedmoor 105gr RDF (20ct) |
| 44501 | 6.5mm Grendel 123gr CC (20ct) |
| 43455 | 6.5mm Creedmoor 140gr CC (20ct) |
| 60115 | 6.5mm Creedmoor 140gr RDF (20ct) |
| 44166 | 6.5mmx284 Norma 140gr CC (20ct) |
| 75035 | 6.8mm SPC 115gr CC (20ct) |
| 51295 | 7mm PRC 185gr RDF (20ct) |
| 51287 | 28 Nosler 168gr CC (20ct) |
| 60141 | 28 Nosler 185gr RDF (20ct) |
| 51275 | 300 Blackout 220gr CC (20ct) |
| 60054 | 308 Win 168gr CC (20ct) |
| 60072 | 308 Win 175gr CC (20ct) |
| 60132 | 308 Win 175gr RDF (20ct) |
| 60158 | 300 Win Mag 210gr RDF (20ct) |
| 43136 | 338 Lapua 300gr CC (20ct) |








LOADED WITH NOSLER BULLETS




- **High-performance powder and bullet combinations**
- **Loaded with Nosler® RDF® or Custom Competition®bullets**
- **Loaded in Nosler® headstamped brass**
- **Dedicated bullet machinery means uniform consistency**
- **Each round is visually inspected**

RDF™
REDUCED DRAG FACTOR

**RDF BULLETS FEATURE THE SMALLEST MEPLAT OF ANY NON-TIPPED MATCH BULLET.**

Nosler knows what gives competitive shooters an edge, isn't an edge at all. It's a point. And we've worked hard to bring you the smallest one ever—creating the flattest shooting match bullet on the market. Make the switch to RDF and put yourself on the podium.

- Very Small Meplat
  -No trimming or Pointing required
- Compound ogive is insensitive to seating depth
- High BC for flatter trajectory and reduced wind drift

HIGHEST IN CLASS B.C.

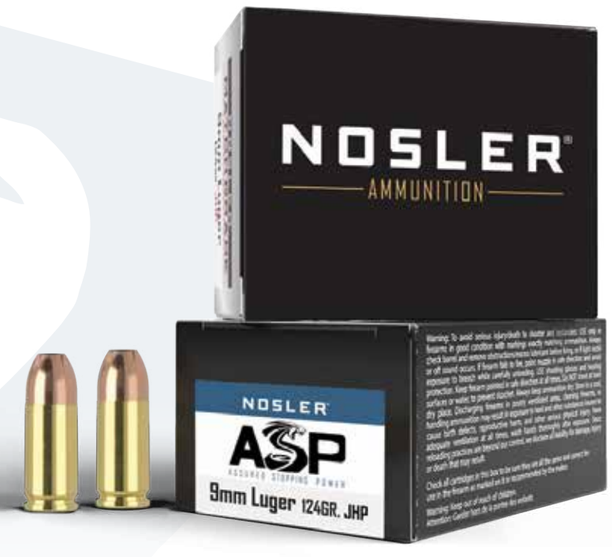
# ASP
ASSURED STOPPING POWER

Nosler® Assured Stopping Power™ (ASP) ammunition line combines match-grade accuracy with a reliable, effective, hollow-point bullet. Evolving from the Match Grade™ ammunition line, ASP™ ammunition is loaded with the same quality and attention to detail that Match Grade™ users have come to expect, with the addition of an expanding hollow-point bullet designed specifically for duty and defensive use. Loaded in Nosler® headstamped brass, and utilizing quality components throughout, the ASP™ ammunition can be relied upon to perform in a wide variety of applications and ranges. Equally at home on duty or in a defensive role, Law Enforcement professionals and civilians alike can rest assured that ASP™ ammunition will perform when needed.

- **Skived bullet jacket engineered for reliable expansion at a range of impact velocities**
- **Controlled expansion and penetration for effective energy transfer**
- **Jacket mouth designed for smooth, reliable feeding**
- **Consistent performance and accuracy**

## NOSLER ASP™ HANDGUN OFFERINGS

| | |
|---|---|
| 51285 | 9mm 115gr JHP (20ct) |
| 51017 | 9mm 115gr JHP (50ct) |
| 51286 | 9mm 124gr JHP (20ct) |
| 51054 | 9mm 124gr JHP (50ct) |
| 51290 | 9mm 147gr JHP (20ct) **Suppressor Ready** |
| 51325 | 9mm 147gr JHP (50ct) **Suppressor Ready** |
| 40137 | 38 Special 125gr JHP (20ct) |
| 40134 | 357 Magnum 125gr JHP (20ct) |
| 51283 | 40 S&W 150gr JHP (20ct) |
| 51181 | 40 S&W 150gr JHP (50ct) |
| 51279 | 40 S&W 180gr JHP (20ct) |
| 51212 | 40 S&W 180gr JHP (50ct) |
| 51400 | 10mm 180gr JHP (20ct) |
| 51412 | 10mm 180gr JHP (50ct) |
| 40136 | 44 Rem Mag 240gr JHP (20ct) |
| 51278 | 45 ACP 185gr JHP (20ct) |
| 51271 | 45 ACP 185gr JHP (50ct) |
| 51277 | 45 ACP 230gr JHP (20ct) **Suppressor Ready** |
| 51284 | 45 ACP 230gr JHP (50ct) **Suppressor Ready** |






# DEFENSE™
HANDGUN AMMUNITION

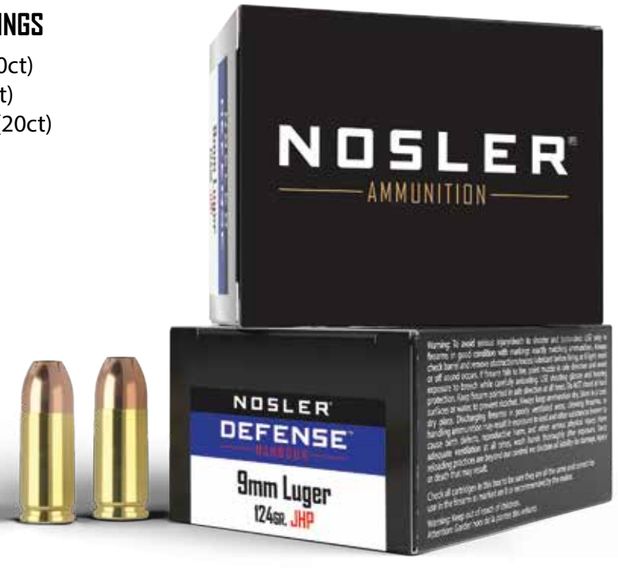
Nosler® DEFENSE™ handgun ammunition is loaded up front with the Bonded PERFORMANCE® line of bonded-core defense bullets. Available in our jacketed hollow point design, and featuring proven AccuBond® bonding technology, Bonded PERFORMANCE® bullets are designed for high weight retention and maximum barrier penetration. Constructed with a tapered jacket and specially engineered core, Bonded PERFORMANCE® bullets exhibit predictable expansion and straight-line penetration in a variety of media. Loaded with high-performance powder charges in Nosler® brass, every round of Nosler® DEFENSE™ ammunition is visually inspected to ensure reliability. Professionals trust their next move to Nosler® DEFENSE™

- **High-performance powder and bullet combinations**
- **Each round is visually inspected**
- **Bonded for maximum performance**

- Proven AccuBond® bonding technology for high weight retention and maximum barrier penetration.
- Tapered jacket and specially engineered core, for predictable expansion and straight-line penetration.
- Internal and external skives at the jacket mouth for consistent, symmetrical expansion.
- Traditional hollow point for rapid expansion and energy transfer.
- Loaded with high-performance powder charges in Nosler® brass, every round is visually inspected to ensure reliability.

## NOSLER DEFENSE™ HANDGUN OFFERINGS

| | |
|---|---|
| 38432 | 9mm +P 124gr BND JHP (20ct) |
| 39156 | 10mm 200gr BND JHP (20ct) |
| 39645 | 45 ACP +P 230gr BND JHP (20ct) |

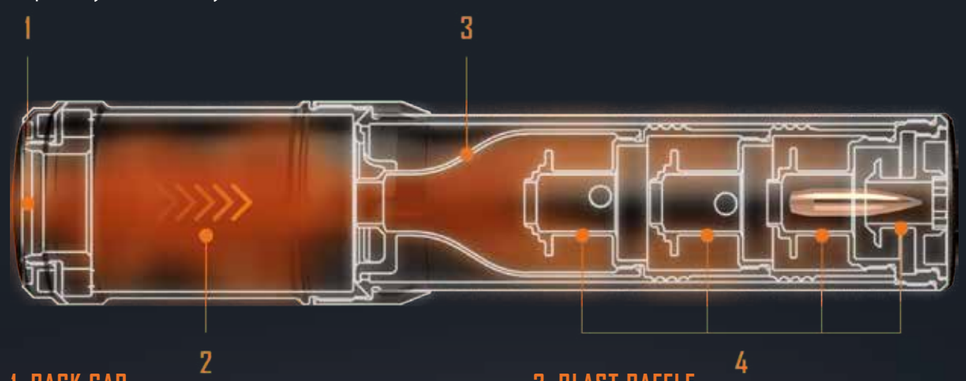


# NOSLER SUPPRESSORS

# LIGHTEN UP. QUIET DOWN.

## HOW SUPPRESSORS WORK

When an unsuppressed gun is fired, the rapidly expanding, super-heated gases create a blast as they escape the muzzle. Suppressors send these gases through a series of baffles where they're cooled before leaving the muzzle, lowering the noise to a safer decibel level. It also reduces recoil, which can improve your accuracy.




### 1. BACK CAP

This crucial part seals the end of your Nosler suppressor.

### 2. BLAST CHAMBER

This is where gas begins expanding as it leaves the muzzle, before passing through the baffles.

### 3. BLAST BAFFLE

The first baffle in the stack. It absorbs the most heat and pressure.

### 4. BAFFLES

These dividers absorb the heat from the rapidly expanding gasses as they pass through, converting noise into heat.



# SR-30 Ti

### SR-30Ti

Incredibly strong and light-weight thanks to all-titanium construction, the SR-30Ti suppressor fits all .30 caliber and smaller firearms.

Weight: 13.1 oz

Length: 7.963"

Diameter: 1.740"

Colors: Black | Gray

# SR-30 ALTi

### SR-30ALTi

The aluminum/titanium body of the SR-30ALTi suppressor minimizes noise and weight, making it ideal any time weight is a factor.

Weight: 9.2 oz

Length: 7.963"

Diameter: 1.740"

Colors: Black | Gray

# SR-22 Ti

### SR-22Ti

Built for all .22 caliber platforms, including 5.56mm rifles, the SR-22Ti suppressor has the noise reduction and rugged construction you're looking for.

Weight: 12.8 oz

Length: 7.533"

Diameter: 1.740"

Colors: Black | Gray

# SR-22 ALTi

### SR-22ALTi

The SR-22ALTi takes noise and weight reduction to another level for all .22 caliber firearms, including 5.56mm rifles.

Weight: 9.0 oz

Length: 7.533"

Diameter: 1.740"

Colors: Black | Gray

# SR-22KTiH

## SR-22KTiH

The full titanium SR-22KTiH was designed as a compact suppressor for use on 5.56 carbines. With HUB compatible mounting, the SR-22KTiH adds critical blast suppression without excess size and weight.

Weight: 10 oz

Length: 5.25”

Diameter: 1.740”

Colors: Black

# SR-22TiH

## SR-22TiH

Built for all .22 caliber platforms, the rugged SR-22TiH has all the performance of the standard SR-22Ti in a HUB compatible format.

Weight: 13.3 oz

Length: 7.375”

Diameter: 1.740”

Colors: Black | Gray

# SR-30KTiH

## SR-30KTiH

The SR-30KTiH follows on the success of the SR-30K offering the same compact design in a more rugged full-titanium construction to allow for higher round counts and longer strings of sustained fire with HUB compatible mounting.

Weight: 10.1 oz

Length: 5.75”

Diameter: 1.740”

Colors: Black

# SR-30TiH

## SR-30TiH

Rugged and durable due to its all-titanium construction, the SR-30TiH has all the performance of the standard SR-30Ti in a HUB compatible format.

Weight: 13.9 oz

Length: 7.875”

Diameter: 1.740”

Colors: Black | Gray

# SR-30K

## SR-30K

The SR-30K suppressor strikes a balance between noise reduction, weight and overall size, making it the perfect choice for hunting.

Weight: 7.2 oz

Length: 5.834”

Diameter: 1.740”

Colors: Black | Gray

# SR-22ALTiH

## SR-22ALTiH

Designed to reduce both noise and weight, the SR-22ALTiH has all the performance of the standard SR-22ALTi in a HUB compatible format.

Weight: 10.8 oz

Length: 7.375”

Diameter: 1.740”

Colors: Black | Gray

# SR-33ALTi

## SR-33ALTi

The aluminum/titanium body of the SR-33ALTi suppressor minimizes noise and weight, making it ideal any time weight is a factor.

Weight: 18 oz.

Length: 10.5”

Diameter: 1.875”

Colors: Black

# SR-30ALTiH

## SR-30ALTiH

The aluminum/titanium construction of the SR-30ALTiH suppressor minimizes noise and weight for all 30 cal firearms in a HUB compatible format.

Weight: 11.2 oz

Length: 7.875”

Diameter: 1.740”

Colors: Black | Gray

# NOSLER SUPPRESSORS COMPARISON CHART

| | Material | Length | Weight | Usable Caliber Range | Thread pitch (with Adapter) |
|---|---|---|---|---|---|
| **SR-22Ti** | Titanium | 7.533" | 12.8oz. | .17-.224 cal. | 1/2x28 |
| **SR-22TiH (HUB)** | Titanium | 7.375" | 13.3oz. | .17-.224 cal. | HUB Compatible 1/2x28 adapter included |
| **SR-22ALTi** | Aluminum and Titanium | 7.533" | 9oz. | .17-.224 cal. | 1/2x28 |
| **SR-22ALTiH (HUB)** | Aluminum and Titanium | 7.375" | 10.8oz. | .17-.224 cal. | HUB Compatible 1/2x28 adapter included |
| **SR-22KTiH (HUB)** | Titanium | 5.25" | 10oz. | .17-.224 cal. | HUB Compatible 1/2x28 adapter included |
| **SR-30Ti** | Titanium | 7.963" | 13.1oz. | .17-.308 cal. | 5/8x24 |
| **SR-30TiH (HUB)** | Titanium | 7.875" | 13.9oz. | .17-.308 cal. | HUB Compatible 5/8x24 adapter included |
| **SR-30ALTi** | Aluminum and Titanium | 7.963" | 9.2oz. | .17-.308 cal. | 5/8x24 |
| **SR-30ALTiH (HUB)** | Aluminum and Titanium | 7.875" | 11.2oz. | .17-.308 cal. | HUB Compatible 5/8x24 adapter included |
| **SR-30K** | Aluminum and Titanium | 5.834" | 7.2oz. | .17-.308 cal. | 5/8x24 |
| **SR-30KH (HUB)** | Aluminum and Titanium | 5.75" | 9oz. | .17-.308 cal. | HUB Compatible 5/8x24 adapter included |
| **SR-30KTiH (HUB)** | Titanium | 5.75" | 10.1oz. | .17-.308 cal. | HUB Compatible 5/8x24 adapter included |
| **SR-33ALTi** | Aluminum and Titanium | 10.5" | 18oz. | .17-.338 cal. | HUB Compatible 5/8x24 adapter included |

| Mounting System | Max. Cartridge size | Min. BBL length | Full-auto Rated** | Max. Operating Temp. | Decibel Reduction Rating |
|---|---|---|---|---|---|
| Mounts over Nosler brake or Direct Thread with included 1/2x28 adapter | 22-250 Rem. | 10" | Yes | 800° | 27db* |
| HUB Compatible Direct Thread 1/2x28 adapter included | 22-250 Rem. | 10" | Yes | 800° | 27db* |
| Mounts over Nosler brake or Direct Thread with included 1/2x28 adapter | 22-250 Rem. | 10" | No | 425° | 29db* |
| HUB Compatible Direct Thread 1/2x28 adapter included | 22-250 Rem. | 10" | No | 425° | 29db* |
| HUB Compatible Direct Thread 1/2x28 adapter included | 22-250 Rem. | 10" | Yes | 800° | 23db* |
| Mounts over Nosler brake or Direct Thread with included 5/8x24 adapter | 30 Nosler/300WBY. | 308 Win or smaller = 12" Larger than 308 Win = 18" | Yes | 800° | 24db* |
| HUB Compatible Direct Thread 5/8x24 adapter included | 30 Nosler/300WBY. | 308 Win or smaller = 12" Larger than 308 Win = 18" | Yes | 800° | 24db* |
| Mounts over Nosler brake or Direct Thread with included 5/8x24 adapter | 30 Nosler/300WBY. | 308 Win or smaller = 12" Larger than 308 Win = 18" | No | 425° | 25db* |
| HUB Compatible Direct Thread 5/8x24 adapter included | 30 Nosler/300WBY. | 308 Win or smaller = 12" Larger than 308 Win = 18" | No | 425° | 25db* |
| Mounts over Nosler brake or Direct Thread with included 5/8x24 adapter | 30 Nosler/300WBY. | 308 Win or smaller = 12" Larger than 308 Win = 18" | No | 425° | 21db* |
| HUB Compatible Direct Thread 5/8x24 adapter included | 30 Nosler/300WBY. | 308 Win or smaller = 12" Larger than 308 Win = 18" | No | 425° | 21db* |
| HUB Compatible Direct Thread 5/8x24 adapter included | 30 Nosler/300WBY. | 308 Win or smaller = 12" Larger than 308 Win = 18" | Yes | 800° | 21db* |
| HUB Compatible Direct Thread 5/8x24 adapter included | 338 Lapua | 18" | No | 425° | 25-30db* |

*Average decibel reduction measured during testing, individual results may vary.

** Full-auto is defined as 3-5 round bursts every 5-10 seconds

# NOSLER APPAREL

SHOP ALL APPAREL AND MERCH AT NOSLER.COM

**Express your passion with Nosler branded apparel, whether you're out in the field, hitting the range or simply enjoying life's pleasures**

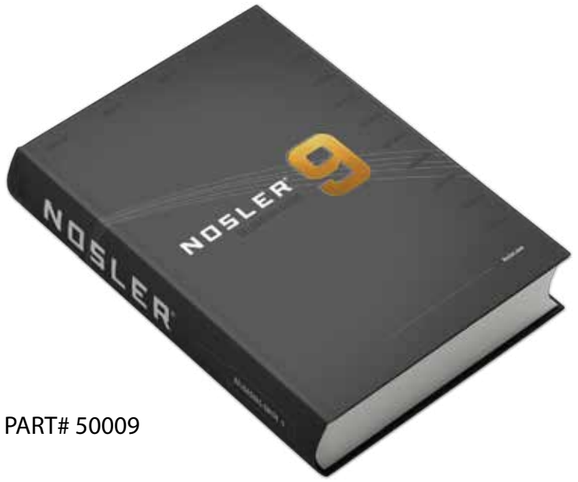
# RELOADING GUIDE 9

**New and Expanded Cartridge Load Data**

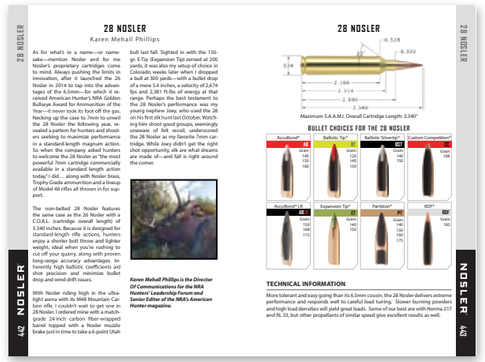
Load data for each cartridge is presented in a graphic format, giving the reader a quick comparison of load velocities for each bullet weight. Nosler's system uses simple, easy-to-read bar graphs to show velocity variation between powders, making powder selection faster and simpler than relying on data alone. Each cartridge's data entry shows information for starting, intermediate and maximum loads for each powder listed.

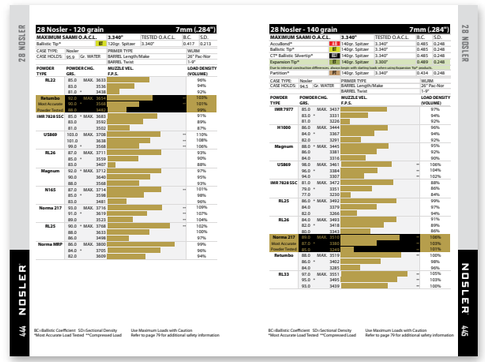
**A Great Read and Informative Reference Tool**

Each cartridge section begins with an introduction by a different well-known writer or industry name. Nosler® continues to incorporate "Comments From the Lab" for many cartridges, a highly informative section that helps reloaders save time and money at the reloading bench. These pages are written by the Nosler® ballistics team and provide valuable insight and advice for working up accurate, effective loads.




PART# 50009

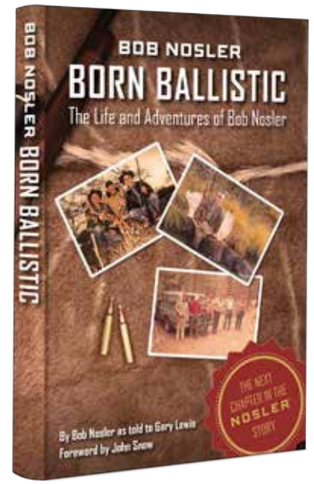





# BORN BALLISTIC

## The Life And Adventures of Bob Nosler




**Bob Nosler: Born Ballistic**
The Life and Adventures of Bob Nosler
PART# 50167

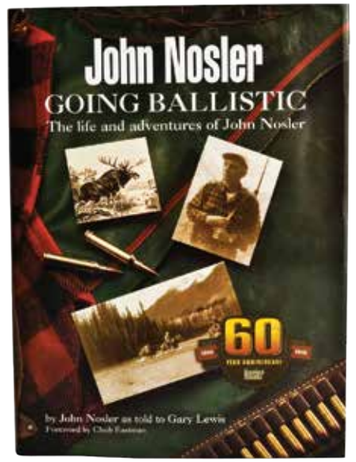
Born Ballistic is the next saga in the epic tale of one of the American West's great industrial and hunting families. Struggling to hold fast to the dream sketched on a napkin and forged on the factory floor, Bob Nosler's vision helped transform an industry.

You know Bob Nosler by the bullets with his name on them, by the accurate rifles built in Bend, Oregon. With one foot in the boardroom and one in the forest, this is the story of a man, armed with a bolt-action rifle and a relentless drive to succeed.

By Bob Nosler as told to Gary Lewis

# GOING BALLISTIC

## The Life And Adventures of John Nosler




**John Nosler: Going Ballistic**
The Life and Adventures of John Nosler
PART# 50160

When hunters want a bullet they can depend on, the name they trust, more than any other, is Nosler®. From the Partition® – introduced in the 1940s–to the Zipedo, Solid Base®, and Ballistic Tip®, to today's cutting-edge AccuBond®, John Nosler has built a reputation on accuracy and performance, one bullet at a time. You know his bullets. Now read his story.

By John Nosler as told to Gary Lewis

## FULLY PREPPED, READY TO LOAD!

### Nosler Premium Brass

| | |
|---|---|
| 10128 | 17 Rem (100ct) |
| 10056 | 204 Ruger (50ct) |
| 10078 | 221 Rem Fireball (100ct) |
| 10270 | 22 ARC (50ct) |
| 10058 | 222 Rem (100ct) |
| 10098 | 223 Rem (100ct) |
| 10070 | 223 Rem (50ct) |
| 10067 | 22 Nosler (100ct |
| 10143 | 220 Swift (50ct) |
| 10065 | 22-250 Rem (50ct) |
| 10105 | 243 Win (50ct) |
| 10272 | 6mm ARC (50ct) |
| 10229 | 6mm Creedmoor (50ct) |
| 10085 | 24 Nosler (100ct) |
| 10135 | 257 Roberts +P (50ct) |
| 10132 | 25-06 Rem (50ct) |
| 44916 | 6.5mm Grendel (50ct) |
| 44824 | 6.5mm Creedmoor (50ct) |
| 10212 | 6.5mmx55 Swedish (50ct) |
| 11354 | 260 Rem (50ct) |
| 10190 | 6.5mmx284 Norma (50ct) |
| 17885 | 6.5mm PRC (50ct) |
| 11234 | 264 Win Mag (50ct) |
| 10140 | 26 Nosler (25ct) |
| 10155 | 270 Win (50ct) |
| 10045 | 270 WSM (25ct) |
| 10145 | 27 Nosler (25ct) |
| 44507 | 7x57 Mauser (50ct) |
| 10187 | 7mm-08 Rem (50ct) |
| 10160 | 280 Rem (50ct) |
| 10184 | 7mm SAUM (25ct) |
| 10175 | 280 Ack Imp (50ct) |
| 10185 | 7mm Rem Mag (50ct) |
| 11472 | 7mm STW (25ct) |
| 17890 | 7mm PRC (50ct) |
| 10188 | 7mm RUM (25ct) |
| 10150 | 28 Nosler (25ct) |
| 10225 | 308 Win (50ct) |
| 10226 | 30-06 Sprg (50ct) |
| 10228 | 300 SAUM (25ct) |
| 11800 | 300 H&H (25ct) |
| 11863 | 300 WSM (25ct) |
| 10227 | 300 Win Mag (50ct) |
| 10180 | 300 Wby (50ct) |
| 11940 | 300 RUM (25ct) |
| 10221 | 30 Nosler (25ct) |

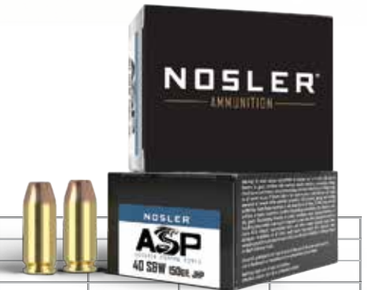
### Nosler Premium Brass

| | |
|---|---|
| 10235 | 30-378 Wby (25ct) |
| 11888 | 8mm Mauser (8x57) (50ct) |
| 11907 | 325 WSM (25ct) |
| 11892 | 8mm Rem Mag (25ct) |
| 17883 | 338 Win Mag (50ct) |
| 11912 | 338 RUM (25ct) |
| 11914 | 338 Lapua (25ct) |
| 10222 | 33 Nosler (25ct) |
| 11926 | 35 Whelen (50ct) |
| 11952 | 9.3x62 Mauser (25ct) |
| 11930 | 375 H&H (25ct) |

## PREMIUM, UNPREPPED BRASS

### Nosler Bulk Brass

| | |
|---|---|
| 10178 | 17 Rem Fireball Bulk Bag (100ct) |
| 10057 | 204 Ruger Bulk Bag (250ct) |
| 10066 | 22 Hornet Bulk Bag (250ct) |
| 10059 | 222 Rem Mag Bulk Bag (250ct) |
| 10099 | 223 Rem Bulk Bag (250ct) |
| 10068 | 22 Nosler Bulk Bag (250ct) |
| 10262 | 22 Creedmoor-LRP Bulk Bag (50ct) |
| 10192 | 6mm Creedmoor-LRP Bulk Bag (100 ct) |
| 10077 | 24 Nosler Bulk Bag (250ct) |
| 10264 | 25 Creedmoor-LRP Bulk Bag (50ct) |
| 10211 | 6.5mm Creedmoor-LRP Bulk Bag (100 ct) |
| 10250 | 6.5 Creedmoor-SRP (50 ct) |
| 11355 | 260 Rem Bulk Bag (100ct) |
| 45124 | 300 Blackout Bulk Bag (250ct) |
| 10082 | 30-30 Win Bulk Bag (100ct) |
| 10193 | 7.62x39 Nosler Bulk Bag (100ct) |
| 10266 | 45/70 Govt Bulk Bag (50ct) |
| 10268 | 350 Legend Bulk Bag (50ct) |




**HANDGUN AMMUNITION**

| | | | |
|---|---|---|---|
| **ASP** | Assured Stopping Power | **JHP** | Jacketed Hollow Point |
| **DEFENSE** | Defense Ammunition | **B-JHP** | Bonded Jacketed Hollow Point |

| CARTRIDGE | BRAND | BULLET WEIGHT | BULLET STYLE | PART # | COUNT | FOR USE | | VELOCITY (FPS) MUZZLE | VELOCITY (FPS) 25yd | ENERGY (FT-LBS) MUZZLE | ENERGY (FT-LBS) 25yd |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **9mm Luger** | ASP | 115 | JHP | 51285 | 20 | Defense/Training | | 1,170 | 1,090 | 350 | 303 |
| | ASP | 115 | JHP | 51017 | 50 | Defense/Training | | 1,170 | 1,090 | 350 | 303 |
| | ASP | 124 | JHP | 51286 | 20 | Defense/Training | | 1,150 | 1,080 | 364 | 321 |
| | ASP | 124 | JHP | 51054 | 50 | Defense/Training | | 1,150 | 1,080 | 364 | 321 |
| | ASP | 147 | JHP | 51290 | 20 | Defense/Training | | 950 | 924 | 295 | 278 |
| | ASP | 147 | JHP | 51325 | 50 | Defense/Training | | 950 | 924 | 295 | 278 |
| **9mm Luger +P** | DEFENSE | 124 | B-JHP | 38432 | 20 | Duty/Personal Defense | | 1,200 | 1,119 | 396 | 345 |
| **38 Special** | ASP | 125 | JHP | 40137 | 20 | Defense/Training | 2" Revolver | 860 | 836 | 205 | 194 |
| | | | | | | | 4" Revolver | 930 | 901 | 240 | 225 |
| **357 Magnum** | ASP | 125 | JHP | 40134 | 20 | Defense/Training/Hunting | 4" Revolver | 1,450 | 1,341 | 584 | 499 |
| | | | | | | | 16" Rifle | 2,200 | 2,045 | 1344 | 1160 |
| **40 S&W** | ASP | 150 | JHP | 51283 | 20 | Defense/Training | | 1,110 | 1,042 | 410 | 361 |
| | ASP | 150 | JHP | 51181 | 50 | Defense/Training | | 1,110 | 1,042 | 410 | 361 |
| | ASP | 180 | JHP | 51279 | 20 | Defense/Training | | 1005 | 970 | 404 | 377 |
| | ASP | 180 | JHP | 51212 | 50 | Defense/Training | | 1005 | 970 | 404 | 377 |
| **10mm Auto** | ASP | 180 | JHP | 51400 | 20 | Defense/Training/Hunting | | 1,150 | 1,092 | 529 | 477 |
| | ASP | 180 | JHP | 51412 | 50 | Defense/Training/Hunting | | 1,150 | 1,092 | 529 | 477 |
| | DEFENSE | 200 | B-JHP | 39156 | 20 | Duty/Personal Defense | | 1,000 | 970 | 444 | 417 |
| **44 Rem Mag** | ASP | 240 | JHP | 40136 | 20 | Defense/Training/Hunting | 6" Revolver | 1,350 | 1,280 | 971 | 873 |
| | | | | | | | 20" Rifle | 1,700 | 1,608 | 1540 | 1378 |
| **45 ACP (AUTO)** | ASP | 185 | JHP | 51278 | 20 | Defense/Training | | 980 | 948 | 395 | 369 |
| | ASP | 185 | JHP | 51271 | 50 | Defense/Training | | 980 | 948 | 395 | 369 |
| | ASP | 230 | JHP | 51277 | 20 | Defense/Training | | 850 | 833 | 368 | 354 |
| | ASP | 230 | JHP | 51284 | 50 | Defense/Training | | 850 | 833 | 368 | 354 |
| **45 ACP (AUTO) +P** | DEFENSE | 230 | B-JHP | 39645 | 20 | Duty/Personal Defense | | 950 | 926 | 461 | 438 |

# AMMUNITION
## APPENDIX

* 22 Nosler test bbl 24"
* 5.56 test bbl 16"
* 6.8 SPC test bbl 20"
* 300 Blk test bbl 16"
* 7.62x51 test bbl 18"
*26,27,28,30,33 Nosler test bbl 26"

| | |
|---|---|
| BTA | Ballistic Tip Ammunition |
| BTV | Ballistic Tip Varmint Ammunition |
| DEFENSE | Defense Ammunition |
| ETA | Expansion Tip Ammunition |
| MGA | Match Grade Ammunition |
| SAFARI | Safari Dangerous Game Ammunition |
| TGA | Trophy Grade Ammunition |
| TGA-LR | Trophy Grade (LONG RANGE) Ammunition |
| VMG | Varmageddon Ammunition |
| WCA | Whitetail Country Ammunition |

| | |
|---|---|
| FBHP | Flat Base Hollow Point |
| HPBT | Hollow Point Boat Tail |
| SP | Spitzer |
| T-BND | Tipped Bonded |
| JHP | Jacketed Hollow Point |
| B-JHP | Bonded Jacketed Hollow Point |
| PT | Partition |
| BTLF | Ballistic Tip Lead Free |
| ET | Expansion Tip |
| SD | Solid |
| BT | Ballistic Tip |
| AB | AccuBond |
| CC | Custom Competition |
| ABLR | AccuBond Long Range |
| BT RN | Ballistic Tip Round Nose |
| RDF | Reduced Drag Factor |
| LF | Lead-Free |
| MZL | Muzzle |
| SB | Solid Base |
| SB-RN | Solid Base Round Nose |
| SD | Solid |
| SW | Straightwall |

**RIFLE**

| CARTRIDGE | BRAND | BULLET WEIGHT | BULLET STYLE | PART # | COUNT | BBL TWIST RQMT | FOR USE | LEAD FREE | VELOCITY (FPS) MZ | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **17 Rem Fireball** | VMG | 20 | FB Tipped | 63100 | 20 | 1-10" | Varmint-Targets | | 4,000 | 3363 | 2811 | 2322 | 1885 | 1508 | 1214 | 1033 | 927 |
| **17 Remington** | VMG | 20 | FBHP | 65100 | 20 | 1-10" | Varmint-Targets | | 4,200 | 3230 | 2442 | 1780 | 1272 | 1002 | 869 | 774 | 695 |
| | VMG | 20 | FB Tipped | 65105 | 20 | " | Varmint-Targets | | 4,200 | 3544 | 2978 | 2477 | 2029 | 1634 | 1312 | 1094 | 970 |
| **204 Ruger** | VMG | 32 | FB Tipped | 65115 | 20 | 1-12" | Varmint-Targets | | 4,000 | 3433 | 2934 | 2487 | 2081 | 1718 | 1408 | 1174 | 1028 |
| | BTV | 32 | BTLF | 61040 | 20 | " | Varmint-Targets | XX | 3,975 | 3459 | 3001 | 2587 | 2209 | 1865 | 1559 | 1304 | 1117 |
| | BTV | 40 | BT | 61021 | 20 | " | Varmint-Targets | | 3,625 | 3176 | 2771 | 2399 | 2058 | 1748 | 1475 | 1252 | 1095 |
| **22 Hornet** | VMG | 35 | FB Tipped | 41132 | 50 | 1-16" | Varmint-Targets | | 3,000 | 2286 | 1683 | 1229 | 992 | 869 | 778 | 702 | 637 |
| | NCA | 40 | BT | 02015 | 50 | 1-14" | Varmint-Targets | | 2,800 | 2397 | 2029 | 1698 | 1413 | 1192 | 1048 | 956 | 884 |
| **221 Remington Fireball** | VMG | 40 | FB Tipped | 65125 | 20 | 1-12" | Varmint-Targets | | 3,100 | 2651 | 2243 | 1874 | 1549 | 1283 | 1097 | 985 | 908 |
| | NCA | 40 | BT | 04016 | 50 | " | Varmint-Targets | | 3,100 | 2689 | 2313 | 1962 | 1659 | 1392 | 1185 | 1049 | 961 |
| **222 Remington** | VMG | 40 | FB Tipped | 65135 | 20 | 1-14" | Varmint-Targets | | 3,400 | 2920 | 2488 | 2095 | 1742 | 1437 | 1200 | 1047 | 952 |
| | VMG | 50 | FB Tipped | 65137 | 20 | " | Varmint-Targets | | 3,150 | 2721 | 2330 | 1973 | 1652 | 1378 | 1167 | 1031 | 943 |
| | NCA | 50 | BT | 05091 | 50 | " | Varmint-Targets | | 3,100 | 2694 | 2323 | 1982 | 1674 | 1408 | 1197 | 1054 | 963 |
| **222 Rem Magnum** | NCA | 50 | BT | 06088 | 50 | 1-14" | Varmint-Targets | | 3,340 | 2917 | 2533 | 2179 | 1855 | 1567 | 1323 | 1141 | 1024 |
| **223 Remington** | BTV | 35 | BTLF | 61042 | 20 | 1-14" | Varmint-Targets | XX | 3,750 | 3206 | 2725 | 2291 | 1899 | 1555 | 1276 | 1087 | 974 |
| | VMG | 53 | FB Tipped | 65139 | 20 | 1-14" | Varmint-Targets | | 3,350 | 3024 | 2712 | 2420 | 2147 | 1892 | 1658 | 1449 | 1272 |
| | BTV | 55 | BT | 61025 | 20 | " | Varmint-Targets | | 3,100 | 2737 | 2401 | 2090 | 1803 | 1546 | 1327 | 1156 | 1040 |
| | VMG | 55 | FB Tipped | 65145 | 20 | " | Varmint-Targets | | 3,100 | 2725 | 2380 | 2060 | 1768 | 1508 | 1290 | 1128 | 1022 |
| | ETA | 55 | ET | 40150 | 20 | 1-10" | Deer Sized Game | XX | 3,100 | 2785 | 2491 | 2215 | 1959 | 1722 | 1508 | 1323 | 1175 |
| | VMG | 62 | FBHP | 40223 | 20 | 1-14" | Varmint-Targets | | 2,950 | 2581 | 2242 | 1928 | 1645 | 1400 | 1204 | 1069 | 981 |
| | MG-RDF | 70 | RDF | 60130 | 20 | " | Targets | | 2,850 | 2630 | 2419 | 2219 | 2028 | 1847 | 1673 | 1507 | 1349 |
| | TGA | 70 | AB | 61036 | 20 | " | Deer Sized Game | | 2,750 | 2505 | 2272 | 2052 | 1845 | 1653 | 1478 | 1324 | 1196 |
| | MGA | 77 | HPBT | 60011 | 20 | 1-8" | Targets | | 2,600 | 2342 | 2099 | 1872 | 1661 | 1471 | 1306 | 1171 | 1072 |
| **22 Nosler** | VMG | 53 | FB Tipped | 65177 | 20 | 1-8" | Varmint-Targets | | 3,450 | 3101 | 2779 | 2480 | 2199 | 1937 | 1696 | 1480 | 1295 |
| | BTV | 55 | BT | 61030 | 20 | " | Varmint-Targets | | 3,500 | 3102 | 2738 | 2403 | 2091 | 1805 | 1548 | 1328 | 1157 |
| | ETA | 55 | ET | 40140 | 20 | " | Deer Sized Game | XX | 3,500 | 3150 | 2826 | 2525 | 2243 | 1980 | 1737 | 1517 | 1327 |
| | VMG | 62 | FBHP | 65180 | 50 | " | Varmint-Targets | | 3,250 | 2851 | 2486 | 2149 | 1840 | 1563 | 1328 | 1148 | 1029 |
| | TGA | 70 | AB | 60918 | 20 | " | Deer Sized Game | | 2,950 | 2694 | 2451 | 2222 | 2004 | 1801 | 1612 | 1442 | 1293 |
| | MG-RDF | 70 | RDF | 60124 | 20 | " | Targets | | 3,000 | 2781 | 2562 | 2354 | 2156 | 1967 | 1788 | 1616 | 1451 |
| | MGA | 77 | CC | 60016 | 20 | " | Targets | | 2,950 | 2672 | 2410 | 2163 | 1931 | 1715 | 1519 | 1347 | 1204 |
| **22-250 Remington** | BTV | 35 | BTLF | 61038 | 20 | 1-14" | Varmint-Targets | XX | 4,200 | 3598 | 3073 | 2606 | 2183 | 1803 | 1474 | 1217 | 1051 |
| | BTV | 40 | BTLF | 61044 | 20 | 1-12" | Varmint-Targets | XX | 3,950 | 3420 | 2950 | 2527 | 2141 | 1792 | 1486 | 1240 | 1072 |
| | VMG | 55 | FB Tipped | 65155 | 20 | 1-14" | Varmint-Targets | | 3,550 | 3135 | 2757 | 2410 | 2088 | 1793 | 1530 | 1308 | 1140 |
| | BTV | 55 | BT | 61034 | 20 | " | Varmint-Targets | | 3,550 | 3153 | 2790 | 2455 | 2144 | 1857 | 1597 | 1373 | 1194 |
| **22 Creedmoor** | BTV | 60 | BT | 42052 | 20 | 1-8" | Varmint-Targets | | 3,450 | 3061 | 2704 | 2375 | 2069 | 1787 | 1535 | 1320 | 1152 |
| | TGA | 70 | AB | 60152 | 20 | " | Deer Sized Game | | 3,350 | 3069 | 2806 | 2557 | 2322 | 2099 | 1889 | 1694 | 1515 |
| | MG-RDF | 85 | RDF | 51297 | 20 | " | Targets | | 3,175 | 2974 | 2779 | 2591 | 2409 | 2236 | 2069 | 1910 | 1757 |
| **243 Winchester** | VMG | 55 | FB Tipped | 65165 | 20 | 1-10" | Varmint-Targets | | 3,800 | 3355 | 2954 | 2587 | 2248 | 1936 | 1653 | 1407 | 1210 |
| | VMG | 70 | FB Tipped | 61029 | 20 | " | Varmint-Targets | | 3,500 | 3150 | 2826 | 2525 | 2243 | 1980 | 1737 | 1517 | 1327 |
| | BTV | 70 | BT | 40041 | 20 | " | Varmint-Targets | | 3,500 | 3155 | 2836 | 2539 | 2261 | 2001 | 1760 | 1541 | 1350 |
| | BTA | 90 | BT | 40050 | 20 | " | Deer/Hogs/Antelope | | 3,100 | 2842 | 2599 | 2368 | 2149 | 1942 | 1749 | 1570 | 1410 |
| | TGA | 90 | AB | 48263 | 20 | " | Deer Sized Game | | 3,100 | 2842 | 2599 | 2368 | 2149 | 1942 | 1749 | 1570 | 1410 |
| | ETA | 90 | ET | 40030 | 20 | 1-9" | Deer Sized Game | XX | 3,050 | 2809 | 2580 | 2362 | 2155 | 1959 | 1774 | 1603 | 1446 |
| | TGA | 100 | PT | 61046 | 20 | 1-10" | Deer Sized Game | | 2,950 | 2703 | 2468 | 2246 | 2035 | 1837 | 1652 | 1483 | 1334 |
| | WCA | 100 | SB | 40122 | 20 | 1-10" | Deer | | 2,950 | 2705 | 2473 | 2253 | 2044 | 1847 | 1663 | 1495 | 1345 |
| **6mm Creedmoor** | VMG | 70 | FB Tipped | 65170 | 20 | 1-10" | Varmint-Targets | | 3,550 | 3195 | 2869 | 2565 | 2281 | 2015 | 1769 | 1546 | 1351 |
| | TGA | 90 | AB | 60142 | 20 | " | Deer Sized Game | | 3,200 | 2933 | 2681 | 2443 | 2218 | 2004 | 1803 | 1618 | 1449 |
| | MG-RDF | 105 | RDF | 60135 | 20 | 1-8" | Targets | | 3,050 | 2877 | 2709 | 2546 | 2388 | 2237 | 2091 | 1950 | 1815 |
| **25-06 Remington** | TGA | 100 | PT | 60005 | 20 | 1-10" | Deer Sized Game | | 3,300 | 3031 | 2778 | 2538 | 2312 | 2096 | 1893 | 1703 | 1529 |
| | ETA | 100 | ET | 40238 | 20 | " | Deer Sized Game | XX | 3,200 | 2957 | 2727 | 2508 | 2300 | 2102 | 1914 | 1737 | 1573 |
| | NCA | 110 | AB | 10210 | 20 | " | Deer Sized Game | | 3,100 | 2867 | 2647 | 2436 | 2236 | 2045 | 1864 | 1694 | 1537 |
| | BTA | 115 | BT | 40071 | 20 | " | Deer Sized Game | | 3,000 | 2787 | 2584 | 2390 | 2204 | 2026 | 1858 | 1699 | 1551 |
| **257 Roberts +P** | NCA | 100 | PT | 11025 | 20 | 1-10" | Deer Sized Game | | 3,100 | 2839 | 2594 | 2361 | 2140 | 1932 | 1736 | 1557 | 1396 |
| | NCA | 100 | BT | 11056 | 20 | " | Deer Sized Game | | 3,100 | 2850 | 2613 | 2389 | 2175 | 1973 | 1783 | 1606 | 1446 |
| | TGA | 110 | AB | 60010 | 20 | " | Deer Sized Game | | 3,050 | 2817 | 2596 | 2385 | 2184 | 1993 | 1813 | 1644 | 1489 |
| | NCA | 115 | BT | 11064 | 20 | " | Deer Sized Game | | 2,775 | 2572 | 2379 | 2194 | 2016 | 1848 | 1690 | 1543 | 1409 |
| **257 WBY Mag** | NCA | 100 | ET | 12035 | 20 | 1-10" | Deer Sized Game | XX | 3,450 | 3193 | 2951 | 2722 | 2504 | 2296 | 2099 | 1912 | 1736 |
| | NCA | 110 | AB | 12015 | 20 | " | Deer Sized Game | | 3,300 | 3053 | 2820 | 2599 | 2388 | 2187 | 1996 | 1815 | 1647 |
| | TGA | 110 | AB | 60012 | 20 | " | Deer Sized Game | | 3,300 | 3053 | 2820 | 2599 | 2388 | 2187 | 1996 | 1815 | 1647 |
| | NCA | 115 | PT | 12043 | 20 | " | Deer Sized Game | | 3,250 | 2992 | 2748 | 2518 | 2299 | 2091 | 1894 | 1710 | 1540 |
| **6.5 Grendel** | VMG | 90 | FB Tipped | 65182 | 20 | 1-9" | Varmint-Targets | | 2,800 | 2549 | 2311 | 2086 | 1874 | 1677 | 1497 | 1339 | 1206 |
| | BTA | 120 | BT | 61023 | 20 | " | Deer/Hogs/Antelope | | 2,400 | 2216 | 2040 | 1872 | 1714 | 1566 | 1431 | 1311 | 1207 |
| | MGA | 123 | HPBT | 44501 | 20 | " | Targets | | 2,400 | 2234 | 2075 | 1922 | 1777 | 1640 | 1512 | 1395 | 1290 |
| | TGA | 129 | ABLR | 60146 | 20 | 1-8" | Deer Sized Game | | 2,350 | 2193 | 2042 | 1896 | 1756 | 1621 | 1490 | 1364 | 1244 |

| CARTRIDGE | ENERGY (FT-LBS) MZ | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | DROP IN INCHES (100 YRD ZERO) MZ | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | DROP IN INCHES (200 YRD ZERO) MZ | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **17 Rem Fireball** | 710 | 502 | 351 | 239 | 158 | 101 | 65 | 47 | 38 | -1.5 | 0 | -1.6 | -7.7 | -20.3 | -42.9 | -81.0 | -142.7 | -237.0 | -1.5 | 0.8 | 0.0 | -5.3 | -17.1 | -38.8 | -76.1 | -137.1 | -230.6 |
| **17 Remington** | 783 | 463 | 265 | 141 | 72 | 45 | 34 | 27 | 21 | -1.5 | 0 | -1.9 | -9.9 | -29.3 | -70.4 | -146.0 | -267.7 | 447.6 | -1.5 | 1.0 | 0.0 | -7.0 | -25.4 | -65.6 | -140.3 | -261.0 | -439.9 |
| | 783 | 558 | 394 | 272 | 183 | 119 | 76 | 53 | 42 | -1.5 | 0 | -1.3 | -6.6 | -17.6 | -37.2 | -70.0 | -123.2 | -200.1 | -1.5 | 0.6 | 0.0 | -4.6 | -15.0 | -33.9 | -66.1 | -118.6 | -200.1 |
| **204 Ruger** | 1137 | 837 | 612 | 439 | 308 | 210 | 141 | 98 | 75 | -1.5 | 0 | -1.5 | -7.0 | -18.3 | -37.6 | -68.9 | -117.9 | -192.2 | -1.5 | 0.7 | 0.0 | -4.8 | -15.3 | -33.9 | -64.5 | -112.8 | -186.3 |
| | 1123 | 850 | 640 | 476 | 347 | 247 | 173 | 121 | 89 | -1.5 | 0 | -1.4 | -6.7 | -17.3 | -35.0 | -62.9 | -105.2 | -168.1 | -1.5 | 0.7 | 0.0 | -4.6 | -14.4 | -31.5 | -58.6 | -100.2 | -162.4 |
| | 1167 | 896 | 682 | 511 | 376 | 271 | 193 | 139 | 106 | -1.5 | 0 | -2.0 | -8.5 | -21.1 | -42.0 | -74.4 | -122.9 | -185.8 | -1.5 | 1.0 | 0.0 | -5.5 | -17.2 | -37.1 | -68.5 | -116.0 | -185.8 |
| **22 Hornet** | 699 | 406 | 220 | 117 | 76 | 58 | 47 | 38 | 31 | -1.5 | 0 | -5.1 | -23.0 | -64.0 | -140.1 | -262.4 | -442.2 | -692.8 | -1.5 | 2.6 | 0.0 | -15.3 | -53.7 | -127.3 | -247.0 | -424.3 | -672.3 |
| | 696 | 510 | 366 | 256 | 177 | 126 | 97 | 81 | 70 | -1.5 | 0 | -4.6 | -17.8 | -43.1 | -86 | -153.3 | -252.3 | -389.2 | -1.5 | 2.3 | 0.0 | -10.8 | -33.9 | -74.5 | -139.5 | -236.1 | -370.7 |
| **221 Remington Fireball** | 853 | 624 | 447 | 312 | 213 | 146 | 107 | 86 | 73 | -1.5 | 0 | -3.5 | -14.0 | -34.5 | -69.7 | -126.1 | -211.2 | -332.2 | -1.5 | 1.7 | 0.0 | -8.7 | -27.5 | -60.9 | -115.6 | -199.0 | -318.2 |
| | 853 | 642 | 475 | 344 | 244 | 172 | 124 | 97 | 82 | -1.5 | 0 | -3.1 | -12.7 | -31.5 | -62.9 | -112.5 | -186.7 | -292.5 | -1.5 | 1.5 | 0.0 | -8.1 | -25.3 | -55.2 | -103.2 | -175.9 | -280.1 |
| **222 Remington** | 1026 | 757 | 550 | 390 | 269 | 183 | 127 | 97 | 80 | -1.5 | 0 | -2.6 | -10.9 | -27.2 | -55.1 | -100.0 | -169.0 | -269.7 | -1.5 | 1.3 | 0.0 | -7.0 | -22.0 | -48.6 | -92.2 | -159.9 | -259.2 |
| | 1101 | 822 | 603 | 432 | 303 | 211 | 151 | 118 | 99 | -1.5 | 0 | -3.2 | -12.9 | -31.7 | -63.3 | -113.4 | -189.0 | -297.3 | -1.5 | 1.6 | 0.0 | -8.1 | -25.2 | -55.2 | -103.7 | -177.7 | -284.3 |
| | 1067 | 806 | 599 | 436 | 311 | 220 | 159 | 123 | 103 | -1.5 | 0 | -3.3 | -13.2 | -31.9 | -63.2 | -112.2 | -185.5 | -290.0 | -1.5 | 1.7 | 0.0 | -8.2 | -25.3 | -54.9 | -102.2 | -173.9 | -276.7 |
| **222 Rem Magnum** | 1238 | 945 | 712 | 527 | 382 | 272 | 194 | 144 | 116 | -1.5 | 0 | -2.6 | -10.7 | -26.1 | -51.8 | -91.8 | -151.6 | -238.1 | -1.5 | 1.3 | 0.0 | -6.8 | -20.9 | -45.3 | -83.9 | -142.5 | -227.7 |
| **223 Remington** | 1092 | 799 | 577 | 408 | 280 | 188 | 126 | 92 | 74 | -1.5 | 0 | -1.9 | -8.6 | -21.9 | -45.0 | -82.7 | -141.8 | -230.2 | -1.5 | 1.0 | 0.0 | -5.7 | -18.1 | -40.2 | -76.9 | -135.1 | -222.5 |
| | 1330 | 1076 | 865 | 689 | 542 | 421 | 324 | 247 | 190 | -1.5 | 0 | -2.3 | -9.4 | -22.4 | -43.0 | -73.4 | -116.5 | -176.3 | -1.5 | 1.2 | 0.0 | -5.9 | -17.8 | -37.2 | -66.5 | -108.4 | -167.0 |
| | 1173 | 914 | 704 | 533 | 397 | 292 | 215 | 163 | 132 | -1.5 | 0 | -3.2 | -12.4 | -29.7 | -57.7 | -100.4 | -163.0 | -251.5 | -1.5 | 1.6 | 0.0 | -7.7 | -23.3 | -49.8 | -90.9 | -151.9 | -238.8 |
| | 1173 | 906 | 691 | 518 | 381 | 277 | 203 | 155 | 127 | -1.5 | 0 | -3.2 | -12.6 | -30.3 | -59.1 | -103.4 | -168.6 | -261.0 | -1.5 | 1.6 | 0.0 | -7.8 | -23.8 | -51.1 | -93.8 | -157.4 | -248.2 |
| | 1174 | 947 | 758 | 599 | 469 | 362 | 277.6 | 214 | 169 | -1.5 | 0 | -3.0 | -11.6 | -27.4 | -52.2 | -88.9 | -140.9 | -212.9 | -1.5 | 1.5 | 0.0 | -7.1 | -21.4 | -44.7 | -79.9 | -130.4 | -200.9 |
| | 1197 | 917 | 691 | 512 | 372 | 269 | 199 | 157 | 132 | -1.5 | 0 | -3.8 | -14.5 | -34.6 | -67.7 | -118.7 | -193.6 | -298.8 | -1.5 | 1.9 | 0.0 | -8.8 | -27.1 | -58.4 | -107.4 | -180.5 | -283.8 |
| | 1262 | 1075 | 910 | 765 | 639 | 530 | 435 | 353 | 283 | -1.5 | 0 | -3.5 | -13.0 | -29.6 | -54.7 | -89.9 | -137.7 | -200.8 | -1.5 | 1.8 | 0.0 | -7.7 | -22.5 | -45.8 | -79.3 | -125.3 | -186.7 |
| | 1175 | 975 | 802 | 655 | 529 | 425 | 340 | 273 | 222 | -1.5 | 0 | -4.1 | -14.9 | -34.0 | -63.3 | -105.5 | -163.6 | -241.5 | -1.5 | 2.0 | 0.0 | -8.8 | -25.9 | -53.2 | -93.3 | -149.4 | -225.3 |
| | 1156 | 938 | 753 | 599 | 472 | 370 | 291 | 235 | 197 | -1.5 | 0 | -4.9 | -17.7 | -40.4 | -75.8 | -127.4 | -199.4 | -296.8 | -1.5 | 2.4 | 0.0 | -10.4 | -30.7 | -63.7 | -112.8 | -182.4 | -277.3 |
| **22 Nosler** | 1401 | 1132 | 909 | 723 | 569 | 442 | 339 | 258 | 197 | -1.5 | 0 | -2.1 | -8.8 | -21.1 | -40.7 | -69.6 | -110.6 | -167.6 | -1.5 | 1.1 | 0.0 | -5.6 | -16.9 | -35.4 | -63.2 | -103.2 | -159.1 |
| | 1496 | 1175 | 916 | 705 | 534 | 398 | 292 | 215 | 163 | -1.5 | 0 | -2.1 | -8.9 | -21.8 | -42.7 | -74.3 | -120.6 | -186.6 | -1.5 | 1.1 | 0.0 | -5.7 | -17.5 | -37.3 | -67.9 | -113.1 | -178.7 |
| | 1496 | 1211 | 975 | 779 | 615 | 479 | 368 | 281 | 215 | -1.5 | 0 | -2.0 | -8.4 | -20.3 | -39.1 | -66.8 | -106.2 | -160.7 | -1.5 | 1.0 | 0.0 | -5.4 | -16.2 | -34.0 | -60.8 | -99.1 | -152.6 |
| | 1454 | 1119 | 851 | 636 | 466 | 336 | 243 | 181 | 146 | -1.5 | 0 | -2.8 | -11.3 | -27.3 | -53.8 | -94.6 | -155.2 | -242.1 | -1.5 | 1.4 | 0.0 | -7.1 | -21.7 | -46.8 | -86.1 | -145.3 | -230.9 |
| | 1352 | 1127 | 934 | 767 | 624 | 504 | 404 | 323 | 260 | -1.5 | 0 | -3.3 | -12.4 | -28.6 | -53.5 | -89.1 | -138.2 | -204.0 | -1.5 | 1.7 | 0.0 | -7.5 | -22.0 | -45.2 | -79.2 | -126.6 | -190.8 |
| | 1398 | 1202 | 1020 | 861 | 722 | 601 | 497 | 406 | 327 | -1.5 | 0 | -3.0 | -11.3 | -25.9 | -48.0 | -79.1 | -121.2 | -176.6 | -1.5 | 1.5 | 0.0 | -6.8 | -19.9 | -40.5 | -70.1 | -110.7 | -164.6 |
| | 1488 | 1220 | 993 | 800 | 637 | 503 | 395 | 310 | 248 | -1.5 | 0 | -3.4 | -12.8 | -29.7 | -55.9 | -94.0 | -147.2 | -219.7 | -1.5 | 1.7 | 0.0 | -7.7 | -22.9 | -47.4 | -83.8 | -135.4 | -206.1 |
| **22-250 Remington** | 1370 | 1006 | 734 | 527 | 370 | 252 | 169 | 115 | 85 | -1.5 | 0 | -1.2 | -6.1 | -16.2 | -33.7 | -62.0 | -106.5 | -174.5 | -1.5 | 0.6 | 0.0 | -4.3 | -13.8 | -30.7 | -58.4 | -102.3 | -169.7 |
| | 1386 | 1038 | 773 | 567 | 407 | 285 | 196 | 136 | 102 | -1.5 | 0 | -1.5 | -7.0 | -18.0 | -36.7 | -66.4 | -112.0 | -180.2 | -1.5 | 0.7 | 0.0 | -4.8 | -15.1 | -33.0 | -61.9 | -106.7 | -174.3 |
| | 1538 | 1200 | 928 | 709 | 532 | 392 | 285 | 209 | 158 | -1.5 | 0 | -2.1 | -8.7 | -21.4 | -42.1 | -73.8 | -120.3 | -187.3 | -1.5 | 1.0 | 0.0 | -5.6 | -17.3 | -37.0 | -67.6 | -113.2 | -179.1 |
| | 1538 | 1214 | 950 | 736 | 561 | 421 | 311 | 230 | 174 | -1.5 | 0 | -2.0 | -8.5 | -20.8 | -40.8 | -70.8 | -114.7 | -177.0 | -1.5 | 1.0 | 0.0 | -5.5 | -16.8 | -35.7 | -64.8 | -107.6 | -168.9 |
| **22 Creedmoor** | 1586 | 1248 | 974 | 751 | 570 | 426 | 314 | 232 | 177 | -1.5 | 0 | -2.2 | -9.2 | -22.5 | -43.9 | -76.2 | -123.5 | -190.8 | -1.5 | 1.1 | 0.0 | -5.9 | -18 | -38.3 | -69.6 | -115.7 | -181.9 |
| | 1744 | 1464 | 1223 | 1016 | 838 | 685 | 555 | 446 | 357 | -1.5 | 0 | -2.2 | -8.8 | -20.8 | -39.2 | -65.6 | -101.7 | -150 | -1.5 | 1.1 | 0.0 | -5.5 | -16.4 | -33.7 | -59 | -94 | -141.2 |
| | 1902 | 1669 | 1458 | 1267 | 1096 | 943 | 808 | 689 | 583 | -1.5 | 0 | -2.4 | -9.4 | -21.5 | -39.6 | -64.7 | -98 | -140.8 | -1.5 | 1.2 | 0.0 | -5.7 | -16.6 | -33.6 | -57.4 | -89.5 | -131 |
| **243 Winchester** | 1763 | 1375 | 1066 | 817 | 617 | 457 | 333 | 241 | 179 | -1.5 | 0 | -1.6 | -7.2 | -18.1 | -35.8 | -62.9 | -102.9 | -160.5 | -1.5 | 0.8 | 0.0 | -4.8 | -14.8 | -31.8 | -58.1 | -97.3 | -154.1 |
| | 1904 | 1542 | 1241 | 991 | 782 | 609 | 469 | 358 | 274 | -1.5 | 0 | -2.0 | -8.4 | -20.3 | -39.1 | -66.8 | -106.2 | -160.7 | -1.5 | 1.0 | 0.0 | -5.4 | -16.2 | -34.0 | -60.8 | -99.1 | -152.6 |
| | 1904 | 1547 | 1250 | 1002 | 795 | 622 | 481 | 369 | 283 | -1.5 | 0 | -2.0 | -8.4 | -20.1 | -38.7 | -66 | -104.7 | -158 | -1.5 | 1.0 | 0.0 | -5.3 | -16.1 | -33.7 | -60 | -97.7 | -150 |
| | 1920 | 1614 | 1349 | 1120 | 923 | 754 | 611 | 492 | 397 | -1.5 | 0 | -2.8 | -10.8 | -25.0 | -46.7 | -77.7 | -120.1 | -176.6 | -1.5 | 1.4 | 0.0 | -6.6 | -19.4 | -39.7 | -69.3 | -110.3 | -165.4 |
| | 1920 | 1614 | 1349 | 1120 | 923 | 754 | 611 | 492 | 397 | -1.5 | 0 | -2.8 | -10.8 | -25.0 | -46.7 | -77.7 | -120.1 | -176.6 | -1.5 | 1.4 | 0.0 | -6.6 | -19.4 | -39.7 | -69.3 | -110.3 | -165.4 |
| | 1859 | 1576 | 1330 | 1115 | 928 | 767 | 629 | 513 | 418 | -1.5 | 0 | -2.9 | -11.1 | -25.5 | -47.4 | -78.4 | -120.5 | -176.1 | -1.5 | 1.5 | 0.0 | -6.7 | -19.6 | -40.1 | -69.6 | -110.2 | -164.5 |
| | 1932 | 1622 | 1353 | 1120 | 920 | 749 | 606 | 488 | 395 | -1.5 | 0 | -3.3 | -12.3 | -28.2 | -52.5 | -87.2 | -134.7 | -198.0 | -1.5 | 1.6 | 0.0 | -7.4 | -21.6 | -44.3 | -77.4 | -123.2 | -184.9 |
| | 1932 | 1625 | 1358 | 1127 | 927 | 757 | 614 | 496 | 402 | -1.5 | 0 | -3.3 | -12.2 | -28.1 | -52.3 | -86.7 | -133.7 | -196.4 | -1.5 | 1.6 | 0.0 | -7.3 | -21.5 | -44.1 | -76.9 | -122.3 | -183.3 |
| **6mm Creedmoor** | 1959 | 1587 | 1279 | 1022 | 808 | 631 | 486 | 371 | 284 | -1.5 | 0 | -1.9 | -8.1 | -19.5 | -37.7 | -64.5 | -102.5 | -155.2 | -1.5 | 1.0 | 0.0 | -5.2 | -15.7 | -32.9 | -58.8 | -95.8 | -147.5 |
| | 2046 | 1719 | 1436 | 1193 | 983 | 803 | 650 | 523 | 420 | -1.5 | 0 | -2.6 | -10.0 | -23.2 | -43.5 | -72.6 | -112.3 | -165.4 | -1.5 | 1.3 | 0.0 | -6.1 | -18.1 | -37.2 | -64.9 | -103.4 | -155.2 |
| | 2169 | 1930 | 1710 | 1511 | 1330 | 1166 | 1019 | 887 | 768 | -1.5 | 0 | -2.7 | -10.2 | -23.0 | -41.9 | -67.8 | -101.6 | -144.6 | -1.5 | 1.4 | 0.0 | -6.1 | -17.6 | -35.1 | -59.7 | -92.1 | -133.8 |
| **25-06 Remington** | 2417 | 2039 | 1713 | 1431 | 1186 | 975 | 795 | 644 | 519 | -1.5 | 0 | -2.3 | -9.1 | -21.3 | -40.1 | -66.7 | -103.2 | -151.6 | -1.5 | 1.1 | 0.0 | -5.7 | -16.7 | -34.3 | -59.9 | -95.1 | -142.4 |
| | 2273 | 1941 | 1651 | 1397 | 1175 | 981 | 813 | 670 | 549 | -1.5 | 0 | -2.5 | -9.7 | -22.4 | -41.6 | -68.8 | -105.5 | -153.8 | -1.5 | 1.2 | 0.0 | -5.9 | -17.4 | -35.4 | -61.4 | -96.8 | -143.8 |
| | 2346 | 2008 | 1711 | 1450 | 1221 | 1021 | 848 | 701 | 577 | -1.5 | 0 | -2.7 | -10.4 | -24.0 | -44.6 | -73.5 | -112.4 | -163.4 | -1.5 | 1.4 | 0.0 | -6.3 | -18.5 | -37.7 | -65.2 | -102.8 | -152.5 |
| | 2298 | 1983 | 1705 | 1458 | 1240 | 1048 | 881 | 737 | 614 | -1.5 | 0 | -3.0 | -11.2 | -25.5 | -47.0 | -76.9 | -117.0 | -169.1 | -1.5 | 1.5 | 0.0 | -6.7 | -19.5 | -39.5 | -68.0 | -106.5 | -157.2 |
| **257 Roberts +P** | 2134 | 1790 | 1493 | 1237 | 1017 | 828 | 669 | 538 | 432 | -1.5 | 0 | -2.8 | -10.8 | -25.1 | -47 | -78.2 | -121 | -178.2 | -1.5 | 1.4 | 0.0 | -6.6 | -19.4 | -39.9 | -69.7 | -111.1 | -166.9 |
| | 2134 | 1803 | 1516 | 1267 | 1051 | 864 | 706 | 573 | 464 | -1.5 | 0 | -2.8 | -10.7 | -24.7 | -46.1 | -76.4 | -117.7 | -172.6 | -1.5 | 1.4 | 0.0 | -6.5 | -19.1 | -39.1 | -68 | -108 | -161.4 |
| | 2272 | 1938 | 1646 | 1389 | 1165 | 970 | 803 | 660 | 542 | -1.5 | 0 | -2.9 | -11.0 | -25.1 | -46.6 | -76.9 | -117.8 | -171.6 | -1.5 | 1.4 | 0.0 | -6.6 | -19.4 | -39.4 | -68.2 | -107.7 | -160.0 |
| | 1966 | 1690 | 1445 | 1228 | 1038 | 872 | 729 | 608 | 507 | -1.5 | 0 | -3.8 | -13.7 | -30.8 | -56.6 | -92.5 | -140.7 | -203.4 | -1.5 | 1.9 | 0.0 | -8 | -23.3 | -47.2 | -81.2 | -127.5 | -188.4 |
| **257 WBY Mag** | 2643 | 2264 | 1934 | 1645 | 1392 | 1170 | 978 | 812 | 669 | -1.5 | 0 | -1.9 | -7.8 | -18.5 | -34.6 | -57.4 | -88.1 | -128.4 | -1.5 | 1 | 0.0 | -5 | -14.6 | -29.8 | -51.7 | -81.4 | -120.7 |
| | 2659 | 2277 | 1942 | 1649 | 1393 | 1168 | 973 | 805 | 662 | -1.5 | 0 | -2.2 | -8.9 | -20.6 | -38.5 | -63.7 | -97.6 | -142.1 | -1.5 | 1.1 | 0 | -5.5 | -16.2 | -32.9 | -57 | -89.8 | -133.2 |
| | 2659 | 2277 | 1942 | 1649 | 1393 | 1168 | 973 | 805 | 662 | -1.5 | 0 | -2.2 | -8.9 | -20.6 | -38.5 | -63.7 | -97.6 | -142.1 | -1.5 | 1.1 | 0 | -5.5 | -16.2 | -32.9 | -57 | -89.8 | -133.2 |
| | 2696 | 2285 | 1929 | 1619 | 1349 | 1116 | 916 | 746 | 606 | -1.5 | 0 | -2.4 | -9.4 | -21.9 | -41 | -68.1 | -104.9 | -153.6 | -1.5 | 1.2 | 0.0 | -5.8 | -17.1 | -35 | -60.9 | -96.5 | -144 |
| **6.5 Grendel** | 1567 | 1298 | 1067 | 869 | 702 | 562 | 448 | 358 | 291 | -1.5 | 0 | -3.9 | -14.3 | -32.7 | -61.1 | -101.9 | -158.2 | -234.0 | -1.5 | 1.9 | 0.0 | -8.5 | -25.0 | -51.4 | -90.2 | -144.7 | -218.5 |
| | 1534 | 1308 | 1108 | 934 | 782 | 653 | 546 | 458 | 388 | -1.5 | 0 | -5.6 | -19.6 | -43.5 | -79.3 | -129.3 | -196.3 | -283.5 | -1.5 | 2.8 | 0.0 | -11.2 | -32.3 | -65.3 | -112.5 | -176.7 | -261.2 |
| | 1573 | 1363 | 1176 | 1009 | 862 | 735 | 625 | 532 | 455 | -1.5 | 0 | -5.5 | -19.0 | -42.0 | -76.1 | -123.0 | -185.2 | -265.3 | -1.5 | 2.7 | 0.0 | -10.8 | -31.1 | -62.4 | -106.6 | -166.1 | -243.4 |

# AMMUNITION APPENDIX

* 22 Nosler test bbl 24"
* 5.56 test bbl 16"
* 6.8 SPC test bbl 20"
* 300 Blk test bbl 16"
* 7.62x51 test bbl 18"
*26,27,28,30,33 Nosler test bbl 26"

| | |
|---|---|
| BTA | Ballistic Tip Ammunition |
| BTV | Ballistic Tip Varmint Ammunition |
| DEFENSE | Defense Ammunition |
| ETA | Expansion Tip Ammunition |
| MGA | Match Grade Ammunition |
| SAFARI | Safari Dangerous Game Ammunition |
| TGA | Trophy Grade Ammunition |
| TGA-LR | Trophy Grade (LONG RANGE) Ammunition |
| VMG | Varmageddon Ammunition |
| WCA | Whitetail Country Ammunition |

| | |
|---|---|
| FBHP | Flat Base Hollow Point |
| HPBT | Hollow Point Boat Tail |
| SP | Spitzer |
| T-BND | Tipped Bonded |
| JHP | Jacketed Hollow Point |
| B-JHP | Bonded Jacketed Hollow Point |
| PT | Partition |
| BTLF | Ballistic Tip Lead Free |
| ET | Expansion Tip |
| SD | Solid |
| BT | Ballistic Tip |
| AB | AccuBond |
| CC | Custom Competition |
| ABLR | AccuBond Long Range |
| BT RN | Ballistic Tip Round Nose |
| RDF | Reduced Drag Factor |
| LF | Lead-Free |
| MZL | Muzzle |
| SB | Solid Base |
| SB-RN | Solid Base Round Nose |
| SD | Solid |
| SW | Straightwall |

## RIFLE

| CARTRIDGE | BRAND | BULLET WEIGHT | BULLET STYLE | PART # | COUNT | BBL TWIST RQMT | FOR USE | LEAD FREE | VELOCITY (FPS) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | MZ | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 |
| **6.5x55 Swedish** | ETA | 120 | ET | 40015 | 20 | 1-9" | Deer Sized Game | | 2,756 | 2568 | 2389 | 2216 | 2050 | 1892 | 1743 | 1620 | 1490 |
| | TGA | 140 | AB | 60022 | 20 | " | Deer Sized Game | | 2,650 | 2476 | 2309 | 2149 | 1995 | 1848 | 1708 | 1577 | 1456 |
| | BTA | 140 | BT | 61053 | 20 | " | Deer Sized Game | | 2,600 | 2426 | 2259 | 2098 | 1945 | 1798 | 1659 | 1530 | 1411 |
| | WCA | 140 | SB | 40107 | 20 | " | Deer | | 2,600 | 2421 | 2250 | 2085 | 1928 | 1778 | 1637 | 1506 | 1386 |
| **260 Remington** | BTA | 120 | BT | 40056 | 20 | 1-9" | Deer/Hogs/Antelope | | 2,850 | 2649 | 2457 | 2273 | 2098 | 1930 | 1772 | 1622 | 1485 |
| | TGA | 130 | AB | 60024 | 20 | " | Deer Sized Game | | 2,700 | 2518 | 2342 | 2174 | 2014 | 1861 | 1715 | 1578 | 1453 |
| | BTA | 140 | BT | 61027 | 20 | " | Deer/Hogs/Antelope | | 2,700 | 2522 | 2351 | 2187 | 2029 | 1879 | 1736 | 1601 | 1476 |
| **6.5 Creedmoor** | VGA | 90 | FB Tipped | 65175 | 20 | 1-8" | Varmint-Targets | | 3,300 | 3019 | 2755 | 2506 | 2270 | 2047 | 1838 | 1644 | 1468 |
| | BTA | 120 | BT | 42050 | 20 | " | Deer/Hogs/Antelope | | 2,900 | 2702 | 2505 | 2318 | 2138 | 1966 | 1803 | 1650 | 1508 |
| | ETA | 120 | ET | 40398 | 20 | " | Deer Sized Game | XX | 2,850 | 2669 | 2489 | 2316 | 2150 | 1991 | 1840 | 1696 | 1562 |
| | TGA-LR | 129 | ABLR | 60091 | 20 | " | Deer Sized Game | | 2,850 | 2675 | 2505 | 2341 | 2184 | 2034 | 1889 | 1749 | 1614 |
| | WCA | 140 | SB | 40105 | 20 | " | Deer | | 2,650 | 2469 | 2296 | 2129 | 1970 | 1818 | 1674 | 1540 | 1417 |
| | MGA | 140 | HPBT | 43455 | 20 | " | Targets | | 2,650 | 2481 | 2318 | 2161 | 2010 | 1866 | 1729 | 1599 | 1479 |
| | MGA-RDF | 140 | RDF | 60115 | 20 | " | Targets | | 2,650 | 2518 | 2384 | 2255 | 2131 | 2010 | 1893 | 1779 | 1669 |
| | BTA | 140 | BT | 40064 | 20 | " | Deer/Hogs/Antelope | | 2,650 | 2477 | 2310 | 2150 | 1997 | 1851 | 1711 | 1581 | 1460 |
| | TGA | 140 | AB | 60080 | 20 | " | Deer/Elk Sized Game | | 2,650 | 2477 | 2310 | 2150 | 1997 | 1851 | 1711 | 1581 | 1460 |
| | TGA | 140 | PT | 61016 | 20 | " | Deer/Elk Sized Game | | 2,650 | 2468 | 2292 | 2124 | 1963 | 1810 | 1666 | 1531 | 1408 |
| | TGA-LR | 142 | ABLR | 60105 | 20 | " | Deer/Elk Sized Game | | 2,600 | 2458 | 2321 | 2188 | 2059 | 1935 | 1815 | 1699 | 1585 |
| **6.5 PRC** | ETA | 120 | ET | 40688 | 20 | 1-8" | Deer/Elk Sized Game | XX | 3,100 | 2901 | 2711 | 2528 | 2353 | 2185 | 2024 | 1870 | 1724 |
| | BTA | 140 | BT | 43457 | 20 | " | Deer/Hogs/Antelope | | 2,900 | 2714 | 2536 | 2365 | 2200 | 2042 | 1890 | 1746 | 1611 |
| | TGA | 140 | AB | 61014 | 20 | " | Deer/Elk Sized Game | | 2,900 | 2714 | 2536 | 2365 | 2200 | 2042 | 1890 | 1746 | 1611 |
| | TGA-LR | 142 | ABLR | 61232 | 20 | " | Deer/Elk Sized Game | | 2,950 | 2798 | 2651 | 2507 | 2368 | 2234 | 2104 | 1978 | 1857 |
| **264 Winchester Mag** | NCA | 125 | PT | 14072 | 20 | 1-9" | Deer/Hogs/Antelope | | 3,200 | 2978 | 2767 | 2566 | 2373 | 2189 | 2013 | 1846 | 1688 |
| | TGA | 130 | AB | 60019 | 20 | " | Deer/Hogs/Antelope | | 3,100 | 2900 | 2709 | 2526 | 2350 | 2128 | 2019 | 1864 | 1718 |
| | NCA | 140 | PT | 14083 | 20 | " | Deer/Elk Sized Game | | 2,950 | 2757 | 2573 | 2396 | 2226 | 2063 | 1907 | 1759 | 1619 |
| **6.5-284 Norma** | TGA | 140 | AB | 60040 | 20 | 1-9" | Deer/Elk Sized Game | | 2,750 | 2573 | 2403 | 2239 | 2082 | 1932 | 1789 | 1653 | 1526 |
| | MGA | 140 | HPBT | 44166 | 20 | " | Targets | | 2,750 | 2579 | 2414 | 2256 | 2103 | 1957 | 1817 | 1684 | 1560 |
| **26 Nosler** | TGA-LR | 129 | ABLR | 60110 | 20 | 1-9" | Deer Sized Game | | 3,400 | 3211 | 3025 | 2845 | 2669 | 2500 | 2337 | 2180 | 2029 |
| | TGA | 140 | AB | 60014 | 20 | " | Deer/Elk Sized Game | | 3,300 | 3100 | 2908 | 2725 | 2549 | 2379 | 2216 | 2061 | 1911 |
| | BTA | 140 | BT | 43459 | 20 | " | Deer/Hogs/Antelope | | 3,200 | 3001 | 2811 | 2629 | 2454 | 2286 | 2124 | 1969 | 1821 |
| | TGA-LR | 142 | ABLR | 60122 | 20 | " | Deer/Elk Sized Game | | 3,300 | 3141 | 2985 | 2833 | 2684 | 2540 | 2399 | 2264 | 2133 |
| | TGA-LR | 150 | ABLR | 61052 | 20 | " | Deer/Elk Sized Game | | 3,200 | 3045 | 2893 | 2745 | 2600 | 2460 | 2324 | 2193 | 2066 |
| **6.8 Remington SPC** | MGA* | 115 | CC | 75035 | 20 | 1-10" | Targets | | 2,550 | 2318 | 2099 | 1892 | 1698 | 1521 | 1364 | 1230 | 1123 |
| **270 Winchester** | TGA | 130 | AB | 60025 | 20 | 1-10" | Deer/Elk Sized Game | | 3,075 | 2852 | 2641 | 2439 | 2246 | 2062 | 1887 | 1722 | 1568 |
| | BTA | 130 | BT | 40062 | 20 | " | Deer/Hogs/Antelope | | 3,075 | 2852 | 2641 | 2439 | 2246 | 2062 | 1887 | 1722 | 1568 |
| | ETA | 130 | ET | 40031 | 20 | " | Deer/Elk Sized Game | XX | 2,950 | 2744 | 2548 | 2361 | 2181 | 2009 | 1846 | 1692 | 1548 |
| | TGA | 130 | PT | 61024 | 20 | " | Deer/Elk Sized Game | | 3,050 | 2816 | 2594 | 2382 | 2181 | 1989 | 1808 | 1639 | 1484 |
| | WCA | 130 | SB | 40110 | 20 | " | Deer | | 3,060 | 2830 | 2611 | 2403 | 2204 | 2015 | 1835 | 1667 | 1512 |
| | BTA | 140 | BT | 40055 | 20 | " | Deer/Hogs/Antelope | | 2,900 | 2712 | 2531 | 2358 | 2191 | 2032 | 1879 | 1734 | 1598 |
| | TGA-LR | 150 | ABLR | 60125 | 20 | " | Deer/Elk Sized Game | | 2,850 | 2693 | 2540 | 2392 | 2249 | 2111 | 1979 | 1850 | 1726 |
| | TGA | 150 | PT | 61235 | 20 | " | Deer/Elk Sized Game | | 2,800 | 2601 | 2411 | 2229 | 2055 | 1889 | 1732 | 1586 | 1451 |
| **270 WSM** | ETA | 130 | ET | 40142 | 20 | 1-10" | Deer/Elk Sized Game | XX | 3,200 | 2984 | 2777 | 2580 | 2391 | 2210 | 2038 | 1874 | 1719 |
| | TGA | 140 | AB | 60030 | 20 | " | Deer/Elk Sized Game | | 3,100 | 2903 | 2715 | 2534 | 2361 | 2194 | 2034 | 1882 | 1737 |
| | TGA-LR | 150 | ABLR | 60114 | 20 | " | Deer/Elk Sized Game | | 3,050 | 2887 | 2729 | 2575 | 2426 | 2282 | 2143 | 2009 | 1880 |
| | NCA | 150 | PT | 15220 | 20 | " | Deer/Elk Sized Game | | 3,050 | 2840 | 2640 | 2448 | 2265 | 2089 | 1921 | 1762 | 1614 |
| **270 WBY Magnum** | TGA-LR | 150 | ABLR | 60150 | 20 | 1-10" | Deer/Elk Sized Game | | 3,080 | 2917 | 2757 | 2603 | 2453 | 2308 | 2168 | 2033 | 1903 |
| **27 Nosler** | TGA | 150 | AB | 61026 | 20 | 1-8.5" | Deer/Elk Sized Game | | 3,250 | 3044 | 2847 | 2658 | 2478 | 2304 | 2138 | 1978 | 1826 |
| | TGA-LR | 165 | ABLR | 61237 | 20 | " | Deer/Elk Sized Game | | 3,158 | 3000 | 2846 | 2696 | 2549 | 2408 | 2271 | 2138 | 2010 |
| **280 Remington** | TGA | 140 | AB | 48545 | 20 | 1-9.5" | Deer/Elk Sized Game | | 3,000 | 2803 | 2615 | 2434 | 2261 | 2095 | 1936 | 1785 | 1642 |
| | BTA | 140 | BT | 40073 | 20 | " | Deer/Hogs/Antelope | | 3,000 | 2803 | 2615 | 2434 | 2261 | 2095 | 1936 | 1785 | 1642 |
| | ETA | 140 | ET | 40511 | 20 | " | Deer/Elk Sized Game | XX | 2,925 | 2731 | 2545 | 2366 | 2195 | 2030 | 1873 | 1725 | 1586 |
| | NCA | 160 | PT | 15805 | 20 | " | Deer/Elk Sized Game | | 2,725 | 2534 | 2350 | 2175 | 2007 | 1847 | 1695 | 1554 | 1425 |
| **7mm-08 Remington** | BTA | 120 | BT | 40060 | 20 | 1-9.5" | Deer/Hogs/Antelope | | 3,000 | 2772 | 2555 | 2349 | 2152 | 1965 | 1788 | 1623 | 1472 |
| | BTA | 140 | BT | 40059 | 20 | " | Deer/Hogs/Antelope | | 2,825 | 2636 | 2454 | 2280 | 2113 | 1953 | 1801 | 1658 | 1525 |
| | ETA | 140 | ET | 40033 | 20 | " | Deer/Elk Sized Game | XX | 2,850 | 2662 | 2481 | 2307 | 2141 | 1983 | 1831 | 1687 | 1553 |
| | TGA | 140 | AB | 60042 | 20 | " | Deer/Elk Sized Game | | 2,825 | 2636 | 2454 | 2280 | 2113 | 1953 | 1801 | 1658 | 1525 |
| | WCA | 140 | SB | 40115 | 20 | " | Deer | | 2,825 | 2623 | 2429 | 2244 | 2067 | 1899 | 1739 | 1590 | 1453 |
| | TGA-LR | 150 | ABLR | 61020 | 20 | " | Deer/Elk Sized Game | | 2,750 | 2583 | 2421 | 2265 | 2116 | 1972 | 1833 | 1699 | 1570 |
| **7x57 Mauser** | TGA | 140 | AB | 47118 | 20 | 1-9.5" | Deer/Elk Sized Game | | 2,700 | 2516 | 2339 | 2170 | 2007 | 1852 | 1706 | 1569 | 1443 |
| | ETA | 140 | ET | 40481 | 20 | " | Deer/Elk Sized Game | XX | 2,700 | 2521 | 2344 | 2173 | 2010 | 1854 | 1707 | 1569 | 1441 |

| CARTRIDGE | ENERGY (FT-LBS) | | | | | | | | | DROP IN INCHES (100 YRD ZERO) | | | | | | | | | DROP IN INCHES (200 YRD ZERO) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MZ | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | MZ | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | MZ | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 |
| **6.5x55 Swedish** | 2024 | 1758 | 1520 | 1308 | 1120 | 954 | 809 | 698 | 592 | -1.5 | 0 | -3.8 | -13.7 | -30.6 | -55.9 | -90.8 | -136.1 | -195.3 | -1.5 | 1.9 | 0.0 | -8.0 | -23.1 | -46.4 | -79.5 | -122.9 | -180.3 |
| | 2182 | 1906 | 1658 | 1435 | 1237 | 1061 | 907 | 773 | 659 | -1.5 | 0 | -4.2 | -14.9 | -33.1 | -60.1 | -97.3 | -146.4 | -209.5 | -1.5 | 2.1 | 0.0 | -8.6 | -24.8 | -49.7 | -84.8 | -131.8 | -192.8 |
| | 2101 | 1830 | 1586 | 1369 | 1175 | 1005 | 856 | 728 | 619 | -1.5 | 0 | -4.4 | -15.7 | -34.8 | -63.2 | -102.3 | -154.1 | -220.8 | -1.5 | 2.2 | 0.0 | -9 | -26 | -52.1 | -89.1 | -138.6 | -203.1 |
| | 2101 | 1822 | 1573 | 1351 | 1155 | 982 | 833 | 704 | 597 | -1.5 | 0 | -4.4 | -15.8 | -35.1 | -63.8 | -103.5 | -156.3 | -224.4 | -1.5 | 2.2 | 0.0 | -9.1 | -26.2 | -52.7 | -90.2 | -140.7 | -206.6 |
| **260 Remington** | 2164 | 1870 | 1609 | 1377 | 1172 | 993 | 836 | 701 | 588 | -1.5 | 0 | -3.5 | -12.7 | -28.7 | -52.6 | -85.8 | -130.1 | -187.7 | -1.5 | 1.7 | 0.0 | -7.5 | -21.7 | -43.9 | -75.4 | -118.0 | -173.9 |
| | 2104 | 1830 | 1583 | 1364 | 1170 | 999 | 849 | 719 | 609 | -1.5 | 0 | -4.0 | -14.3 | -32.0 | -58.3 | -94.7 | -142.9 | -205.1 | -1.5 | 2.0 | 0.0 | -8.3 | -24.0 | -48.4 | -82.7 | -128.9 | -189.0 |
| | 2266 | 1977 | 1719 | 1487 | 1280 | 1097 | 936 | 797 | 677 | -1.5 | 0 | -4.0 | -14.2 | -31.8 | -57.8 | -93.7 | -141.1 | -202.2 | -1.5 | 2.0 | 0.0 | -8.3 | -23.8 | -47.9 | -81.8 | -127.2 | -186.3 |
| **6.5 Creedmoor** | 2176 | 1821 | 1516 | 1254 | 1030 | 838 | 675 | 540 | 430 | -1.5 | 0 | -2.3 | -9.2 | -21.7 | -41.0 | -68.5 | -106.5 | -157.3 | -1.5 | 1.2 | 0.0 | -5.8 | -17.1 | -35.2 | -61.6 | -98.3 | -148.0 |
| | 2251 | 1944 | 1672 | 1431 | 1218 | 1030 | 866 | 726 | 606 | -1.5 | 0 | -3.3 | -12.1 | -27.4 | -50.3 | -82.3 | -124.9 | -180.4 | -1.5 | 1.6 | 0.0 | -7.2 | -20.9 | -42.2 | -72.5 | -113.5 | -167.3 |
| | 2174 | 1898 | 1651 | 1429 | 1232 | 1057 | 902 | 766 | 650 | -1.5 | 0 | -3.4 | -12.4 | -27.9 | -50.9 | -82.7 | -124.8 | -179.1 | -1.5 | 1.7 | 0.0 | -7.3 | -21.1 | -42.5 | -72.6 | -113.0 | -165.5 |
| | 2326 | 2049 | 1797 | 1570 | 1366 | 1184 | 1022 | 876 | 746 | -1.5 | 0 | -3.4 | -12.3 | -27.5 | -50.1 | -81.1 | -121.8 | -174.0 | -1.5 | 1.7 | 0.0 | -7.2 | -20.8 | -41.7 | -71.0 | -110.1 | -160.5 |
| | 2183 | 1895 | 1638 | 1409 | 1206 | 1027 | 871 | 737 | 624 | -1.5 | 0 | -4.2 | -15 | -33.5 | -61 | -99 | -149.5 | -214.6 | -1.5 | 2.1 | 0.0 | -8.7 | -25.1 | -50.5 | -86.4 | -134.7 | -197.8 |
| | 2183 | 1913 | 1670 | 1451 | 1256 | 1082 | 929 | 795 | 680 | -1.5 | 0 | -4.2 | -14.8 | -32.9 | -59.6 | -96.3 | -144.7 | -206.7 | -1.5 | 2.1 | 0.0 | -8.6 | -24.6 | -49.2 | -83.9 | -130.2 | -190.1 |
| | 2183 | 1970 | 1767 | 1581 | 1411 | 1256 | 1114 | 984 | 866 | -1.5 | 0 | -4.0 | -14.1 | -31.0 | -55.7 | -88.9 | -131.8 | -185.8 | -1.5 | 2.0 | 0.0 | -8.1 | -23.1 | -45.7 | -76.9 | -117.9 | -169.8 |
| | 2183 | 1907 | 1659 | 1437 | 1240 | 1065 | 910 | 777 | 663 | -1.5 | 0 | -4.2 | -14.9 | -33.1 | -60.1 | -97.2 | -146.2 | -209.2 | -1.5 | 2.1 | 0.0 | -8.6 | -24.8 | -49.6 | -84.7 | -131.6 | -192.5 |
| | 2183 | 1907 | 1659 | 1437 | 1240 | 1065 | 910 | 777 | 663 | -1.5 | 0 | -4.2 | -14.9 | -33.1 | -60.1 | -97.2 | -146.2 | -209.2 | -1.5 | 2.1 | 0.0 | -8.6 | -24.8 | -49.6 | -84.7 | -131.6 | -192.5 |
| | 2183 | 1892 | 1633 | 1403 | 1198 | 1019 | 862 | 729 | 616 | -1.5 | 0 | -4.2 | -15.1 | -33.6 | -61.2 | -99.5 | -150.3 | -215.9 | -1.5 | 2.1 | 0.0 | -8.7 | -25.2 | -50.7 | -86.8 | -135.5 | -199.0 |
| | 2131 | 1905 | 1698 | 1509 | 1337 | 1181 | 1039 | 909 | 792 | -1.5 | 0 | -4.3 | -15.0 | -33.0 | -59.2 | -94.7 | -140.7 | -198.8 | -1.5 | 2.1 | 0.0 | -8.6 | -24.5 | -48.5 | -81.9 | -125.8 | -181.8 |
| **6.5 PRC** | 2560 | 2242 | 1957 | 1703 | 1475 | 1272 | 1091 | 931 | 791 | -1.5 | 0 | -2.6 | -10.0 | -22.8 | -41.9 | -68.4 | -103.3 | -148.1 | -1.5 | 1.3 | 0.0 | -6.1 | -17.6 | -35.4 | -60.4 | -94.0 | -137.6 |
| | 2614 | 2290 | 1999 | 1738 | 1504 | 1295 | 1111 | 948 | 807 | -1.5 | 0 | -3.2 | -11.9 | -26.7 | -48.8 | -79.2 | -119.4 | -171.0 | -1.5 | 1.6 | 0.0 | -7.0 | -20.3 | -40.7 | -69.5 | -108.1 | -158.1 |
| | 2614 | 2290 | 1999 | 1738 | 1504 | 1295 | 1111 | 948 | 807 | -1.5 | 0 | -3.2 | -11.9 | -26.7 | -48.8 | -79.2 | -119.4 | -171.0 | -1.5 | 1.6 | 0.0 | -7.0 | -20.3 | -40.7 | -69.5 | -108.1 | -158.1 |
| | 2744 | 2469 | 2215 | 1982 | 1768 | 1573 | 1395 | 1234 | 1087 | -1.5 | 0 | -2.9 | -10.8 | -24.3 | -43.9 | -70.5 | -105.0 | -148.3 | -1.5 | 1.5 | 0.0 | -6.4 | -18.4 | -36.5 | -61.7 | -94.7 | -136.6 |
| **264 Winchester Mag** | 2841 | 2461 | 2125 | 1827 | 1563 | 1330 | 1124 | 945 | 791 | -1.5 | 0 | -2.4 | -9.4 | -21.7 | -40.1 | -65.8 | -100.1 | -144.7 | -1.5 | 1.2 | 0.0 | -5.8 | -16.8 | -34 | -58.5 | -91.6 | -135 |
| | 2773 | 2427 | 2118 | 1841 | 1594 | 1373 | 1176 | 1003 | 852 | -1.5 | 0 | -2.6 | -10.0 | -22.9 | -42.0 | -68.5 | -103.5 | -148.5 | -1.5 | 1.3 | 0.0 | -6.1 | -17.6 | -35.4 | -60.6 | -94.2 | -137.9 |
| | 2704 | 2363 | 2058 | 1784 | 1540 | 1322 | 1130 | 961 | 815 | -1.5 | 0 | -3.1 | -11.8 | -25.8 | -47.2 | -76.9 | -116 | -166.5 | -1.5 | 1.5 | 0.0 | -6.8 | -19.7 | -39.5 | -67.6 | -105.3 | -154.2 |
| **6.5-284 Norma** | 2350 | 2058 | 1794 | 1558 | 1347 | 1160 | 995 | 849 | 724 | -1.5 | 0 | -3.8 | -13.6 | -30.3 | -55.0 | -89.2 | -134.0 | -192.0 | -1.5 | 1.9 | 0.0 | -7.9 | -22.8 | -45.7 | -77.9 | -121.0 | -176.8 |
| | 2350 | 2067 | 1812 | 1582 | 1375 | 1190 | 1026 | 882 | 756 | -1.5 | 0 | -3.7 | -13.4 | -30.0 | -54.4 | -87.9 | -131.9 | -188.2 | -1.5 | 1.9 | 0.0 | -7.8 | -22.5 | -45.1 | -76.7 | -118.9 | -173.3 |
| **26 Nosler** | 3311 | 2952 | 2621 | 2318 | 2041 | 1790 | 1564 | 1361 | 1179 | -1.5 | 0 | -1.9 | -7.6 | -17.5 | -32.4 | -52.8 | -79.6 | -113.8 | -1.5 | 0.9 | 0.0 | -4.7 | -13.8 | -27.7 | -47.2 | -73.1 | -106.3 |
| | 3385 | 2987 | 2629 | 2308 | 2019 | 1760 | 1527 | 1320 | 1136 | -1.5 | 0 | -2.1 | -8.4 | -19.3 | -35.6 | -58.0 | -87.5 | -125.3 | -1.5 | 1.0 | 0.0 | -5.2 | -15.0 | -30.3 | -51.6 | -80.0 | -116.8 |
| | 3183 | 2799 | 2456 | 2148 | 1871 | 1624 | 1402 | 1205 | 1031 | -1.5 | 0 | -2.4 | -9.1 | -20.9 | -38.5 | -62.8 | -94.8 | -135.7 | -1.5 | 1.2 | 0.0 | -5.6 | -16.2 | -32.6 | -55.7 | -86.5 | -126.3 |
| | 3433 | 3110 | 2809 | 2529 | 2271 | 2033 | 1815 | 1616 | 1434 | -1.5 | 0 | -2.0 | -8.0 | -18.2 | -33.3 | -53.8 | -80.3 | -113.7 | -1.5 | 1.0 | 0.0 | -4.9 | -14.2 | -28.3 | -47.7 | -73.3 | -105.6 |
| | 3410 | 3087 | 2787 | 2508 | 2251 | 2015 | 1799 | 1601 | 1421 | -1.5 | 0 | -2.3 | -8.7 | -19.7 | -35.9 | -57.8 | -86.2 | -121.8 | -1.5 | 1.1 | 0.0 | -5.3 | -15.2 | -30.2 | -51.0 | -78.3 | -112.7 |
| **6.8 Remington SPC** | 1660 | 1372 | 1124 | 913 | 736 | 591 | 475 | 386 | 322 | -1.5 | 0 | -5.0 | -17.9 | -40.6 | -75.3 | -125.2 | -193.8 | -285.4 | -1.5 | 2.5 | 0.0 | -10.4 | -30.6 | -62.9 | -110.2 | -176.3 | -265.5 |
| **270 Winchester** | 2729 | 2348 | 2013 | 1717 | 1456 | 1227 | 1027 | 856 | 710 | -1.5 | 0 | -2.8 | -10.6 | -24.2 | -44.7 | -73.4 | -112.0 | -162.2 | -1.5 | 1.4 | 0.0 | -6.4 | -18.6 | -37.8 | -65.1 | -102.2 | -151.1 |
| | 2729 | 2348 | 2013 | 1717 | 1456 | 1227 | 1027 | 856 | 710 | -1.5 | 0 | -2.8 | -10.6 | -24.2 | -44.7 | -73.4 | -112.0 | -162.2 | -1.5 | 1.4 | 0.0 | -6.4 | -18.6 | -37.8 | -65.1 | -102.2 | -151.1 |
| | 2511 | 2174 | 1875 | 1609 | 1373 | 1165 | 983 | 826 | 692 | -1.5 | 0 | -3.1 | -11.6 | -26.3 | -48.4 | -79.1 | -120.0 | -173.1 | -1.5 | 1.6 | 0.0 | -6.9 | -20.1 | -40.6 | -69.7 | -109.0 | -160.6 |
| | 2685 | 2288 | 1942 | 1638 | 1372 | 1142 | 943 | 775 | 635 | -1.5 | 0 | -2.9 | -11.0 | -25.2 | -46.7 | -77.1 | -118.1 | -172.1 | -1.5 | 1.4 | 0.0 | -6.6 | -19.4 | -39.5 | -68.4 | -108.0 | -160.6 |
| | 2702 | 2311 | 1967 | 1666 | 1402 | 1171 | 972 | 802 | 660 | -1.5 | 0 | -2.9 | -10.8 | -24.8 | -46 | -75.8 | -115.9 | -168.5 | -1.5 | 1.4 | 0.0 | -6.5 | -19.1 | -38.9 | -67.2 | -105.9 | -157.1 |
| | 2613 | 2286 | 1992 | 1728 | 1493 | 1283 | 1097 | 935 | 794 | -1.5 | 0 | -3.2 | -11.9 | -26.8 | -49.0 | -79.6 | -120.1 | -172.1 | -1.5 | 1.6 | 0.0 | -7.0 | -20.4 | -40.9 | -69.9 | -108.8 | -159.2 |
| | 2705 | 2414 | 2148 | 1905 | 1684 | 1484 | 1304 | 1140 | 992 | -1.5 | 0 | -3.3 | -12.0 | -26.8 | -48.4 | -77.9 | -116.3 | -164.8 | -1.5 | 1.6 | 0.0 | -7.0 | -20.2 | -40.2 | -68.0 | -104.7 | -151.6 |
| | 2611 | 2254 | 1936 | 1655 | 1407 | 1189 | 999 | 837 | 701 | -1.5 | 0 | -3.6 | -13.3 | -29.9 | -54.8 | -89.5 | -135.8 | -195.9 | -1.5 | 1.8 | 0.0 | -7.8 | -22.6 | -45.7 | -78.5 | -123.0 | -181.3 |
| **270 WSM** | 2956 | 2569 | 2226 | 1921 | 1650 | 1410 | 1199 | 1014 | 853 | -1.5 | 0 | -2.4 | -9.3 | -21.5 | -39.8 | -65.1 | -98.9 | -142.6 | -1.5 | 1.2 | 0.0 | -5.7 | -16.7 | -33.7 | -57.9 | -90.5 | -132.9 |
| | 2986 | 2619 | 2291 | 1996 | 1733 | 1497 | 1286 | 1100 | 937 | -1.5 | 0 | -2.6 | -10.0 | -22.8 | -41.8 | -68.0 | -102.7 | -147.2 | -1.5 | 1.6 | 0.0 | -6.0 | -17.5 | -35.2 | -60.1 | -93.5 | -136.7 |
| | 3098 | 2776 | 2480 | 2208 | 1960 | 1734 | 1529 | 1344 | 1177 | -1.5 | 0 | -2.7 | -10.0 | -22.6 | -41.1 | -66.3 | -99.1 | -140.5 | -1.5 | 1.3 | 0.0 | -6.0 | -17.3 | -34.4 | -58.3 | -89.7 | -129.8 |
| | 3098 | 2686 | 2320 | 1996 | 1708 | 1453 | 1229 | 1034 | 867 | -1.5 | 0 | -2.8 | -10.6 | -24.3 | -44.7 | -73.1 | -110.9 | -160 | -1.5 | 1.4 | 0.0 | -6.4 | -18.6 | -37.6 | -64.6 | -101.1 | -148.7 |
| **270 WBY Magnum** | 3159 | 2833 | 2532 | 2256 | 2003 | 1773 | 1565 | 1376 | 1206 | -1.5 | 0 | -2.6 | -9.8 | -22.1 | -40.2 | -64.8 | -96.8 | -137.3 | -1.5 | 1.3 | 0.0 | -5.9 | -16.9 | -33.7 | -57.0 | -87.7 | -126.9 |
| **27 Nosler** | 3517 | 3085 | 2698 | 2353 | 2044 | 1768 | 1522 | 1303 | 1110 | -1.5 | 0 | -2.3 | -8.8 | -20.3 | -37.4 | -61.2 | -92.5 | -132.7 | -1.5 | 1.1 | 0.0 | -5.4 | -15.8 | -31.8 | -54.4 | -84.6 | -123.7 |
| | 3653 | 3297 | 2967 | 2662 | 2381 | 2123 | 1888 | 1675 | 1481 | -1.5 | 0 | -2.4 | -9.0 | -20.5 | -37.3 | -60.1 | -89.6 | -126.8 | -1.5 | 1.2 | 0.0 | -5.5 | -15.7 | -31.4 | -53.0 | -81.4 | -117.3 |
| **280 Remington** | 2797 | 2442 | 2126 | 1842 | 1589 | 1364 | 1165 | 990 | 839 | -1.5 | 0 | -2.9 | -10.9 | -24.8 | -45.5 | -74.2 | -112.1 | -162.3 | -1.5 | 1.5 | 0.0 | -6.6 | -19.0 | -38.2 | -65.4 | -101.9 | -149.3 |
| | 2797 | 2442 | 2126 | 1842 | 1589 | 1364 | 1165 | 990 | 839 | -1.5 | 0 | -2.9 | -10.9 | -24.8 | -45.5 | -74.2 | -112.1 | -162.3 | -1.5 | 1.5 | 0.0 | -6.6 | -19.0 | -38.2 | -65.4 | -101.9 | -149.3 |
| | 2659 | 2318 | 2012 | 1740 | 1497 | 1281 | 1091 | 925 | 782 | -1.5 | 0 | -3.2 | -11.7 | -26.5 | -48.5 | -78.9 | -119.3 | -171.4 | -1.5 | 1.6 | 0.0 | -7.0 | -20.1 | -40.6 | -69.4 | -108.2 | -158.7 |
| | 2638 | 2280 | 1962 | 1680 | 1430 | 1211 | 1021 | 858 | 721 | -1.5 | 0 | -3.9 | -14.2 | -31.7 | -58 | -94.5 | -143.1 | -206.1 | -1.5 | 2 | 0.0 | -8.3 | -23.9 | -48.2 | -82.7 | -129.3 | -190.4 |
| **7mm-08 Remington** | 2397 | 2047 | 1740 | 1470 | 1234 | 1028 | 852 | 702 | 577 | -1.5 | 0 | -3.0 | -11.4 | -26.1 | -48.3 | -79.5 | -121.7 | -177.0 | -1.5 | 1.5 | 0.0 | -6.9 | -20.0 | -40.7 | -70.4 | -111.0 | -164.9 |
| | 2480 | 2159 | 1872 | 1616 | 1388 | 1186 | 1008 | 854 | 722 | -1.5 | 0 | -3.5 | -12.8 | -28.8 | -52.6 | -85.5 | -129.1 | -185.4 | -1.5 | 1.8 | 0.0 | -7.5 | -21.8 | -43.8 | -75.0 | -116.8 | -171.4 |
| | 2525 | 2202 | 1914 | 1655 | 1425 | 1222 | 1042 | 885 | 750 | -1.5 | 0 | -3.4 | -12.5 | -28.0 | -51.3 | -83.4 | -125.8 | -180.5 | -1.5 | 1.7 | 0.0 | -7.4 | -21.3 | -42.8 | -73.1 | -113.9 | -167.0 |
| | 2480 | 2159 | 1872 | 1616 | 1388 | 1186 | 1008 | 854 | 722 | -1.5 | 0 | -3.5 | -12.8 | -28.8 | -52.6 | -85.5 | -129.1 | -185.4 | -1.5 | 1.8 | 0.0 | -7.5 | -21.8 | -43.8 | -75.0 | -116.8 | -171.4 |
| | 2481 | 2138 | 1835 | 1566 | 1328 | 1120 | 940 | 786 | 656 | -1.5 | 0 | -3.6 | -13 | -29.4 | -53.9 | -88.1 | -133.9 | -193.4 | -1.5 | 1.8 | 0.0 | -7.7 | -22.3 | -45 | -77.5 | -121.4 | -179.1 |
| | 2518 | 2221 | 1952 | 1709 | 1491 | 1295 | 1119 | 962 | 820 | -1.5 | 0 | -3.7 | -13.4 | -29.8 | -54.0 | -87.2 | -130.7 | -186.4 | -1.5 | 1.9 | 0.0 | -7.8 | -22.4 | -44.7 | -76.1 | -117.7 | -171.5 |
| **7x57 Mauser** | 2265 | 1967 | 1701 | 1463 | 1252 | 1067 | 905 | 765 | 647 | -1.5 | 0 | -4.0 | -14.4 | -32.1 | -58.5 | -95.1 | -143.6 | -206.2 | -1.5 | 2.0 | 0.0 | -8.4 | -24.1 | -48.5 | -83.1 | -129.6 | -190.2 |
| | 2276 | 1976 | 1707 | 1468 | 1255 | 1068 | 905 | 765 | 646 | -1.5 | 0 | -4.0 | -14.3 | -32.0 | -58.3 | -94.8 | -143.2 | -205.8 | -1.5 | 2.0 | 0.0 | -8.3 | -24.0 | -48.4 | -82.8 | -129.3 | -189.9 |

# AMMUNITION
## APPENDIX

* 22 Nosler test bbl 24"
* 5.56 test bbl 16"
* 6.8 SPC test bbl 20"
* 300 Blk test bbl 16"
* 7.62x51 test bbl 18"
*26,27,28,30,33 Nosler test bbl 26"

| | |
|---|---|
| BTA | Ballistic Tip Ammunition |
| BTV | Ballistic Tip Varmint Ammunition |
| DEFENSE | Defense Ammunition |
| ETA | Expansion Tip Ammunition |
| MGA | Match Grade Ammunition |
| SAFARI | Safari Dangerous Game Ammunition |
| TGA | Trophy Grade Ammunition |
| TGA-LR | Trophy Grade (LONG RANGE) Ammunition |
| VMG | Varmageddon Ammunition |
| WCA | Whitetail Country Ammunition |

| | |
|---|---|
| FBHP | Flat Base Hollow Point |
| HPBT | Hollow Point Boat Tail |
| SP | Spitzer |
| T-BND | Tipped Bonded |
| JHP | Jacketed Hollow Point |
| B-JHP | Bonded Jacketed Hollow Point |
| PT | Partition |
| BTLF | Ballistic Tip Lead Free |

| | |
|---|---|
| ET | Expansion Tip |
| SD | Solid |
| BT | Ballistic Tip |
| AB | AccuBond |
| CC | Custom Competition |
| ABLR | AccuBond Long Range |
| BT RN | Ballistic Tip Round Nose |
| RDF | Reduced Drag Factor |

| | |
|---|---|
| LF | Lead-Free |
| MZL | Muzzle |
| SB | Solid Base |
| SB-RN | Solid Base Round Nose |
| SD | Solid |
| SW | Straightwall |

| RIFLE | | | | | | | | | VELOCITY (FPS) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CARTRIDGE | BRAND | BULLET WEIGHT | BULLET STYLE | PART # | COUNT | BBL TWIST RQMT | FOR USE | LEAD FREE | MZ | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 |
| **280 Ackley Improved** | TGA | 140 | AB | 60043 | 20 | 1-9.5" | Deer/Elk Sized Game | | 3,100 | 2896 | 2701 | 2515 | 2336 | 2165 | 2000 | 1844 | 1696 |
| | BTA | 140 | BT | 43504 | 20 | " | Deer Sized Game | | 3,100 | 2896 | 2701 | 2515 | 2336 | 2165 | 2000 | 1844 | 1696 |
| | ETA | 140 | ET | 40067 | 20 | " | Deer/Elk Sized Game | XX | 3,100 | 2898 | 2705 | 2520 | 2342 | 2172 | 2008 | 1853 | 1705 |
| | TGA-LR | 150 | ABLR | 60116 | 20 | " | Deer/Elk Sized Game | | 2,930 | 2757 | 2590 | 2428 | 2272 | 2122 | 1978 | 1839 | 1705 |
| | TGA | 160 | AB | 60076 | 20 | " | Deer/Elk Sized Game | | 2,950 | 2770 | 2597 | 2430 | 2269 | 2115 | 1967 | 1825 | 1690 |
| | TGA | 160 | PT | 60044 | 20 | " | Deer/Elk Sized Game | | 2,950 | 2751 | 2561 | 2379 | 2205 | 2037 | 1878 | 1727 | 1586 |
| | NCA | 168 | ABLR | 15823 | 20 | " | Deer/Elk Sized Game | | 2,875 | 2723 | 2575 | 2432 | 2293 | 2159 | 2030 | 1905 | 1783 |
| **7mm SAUM** | NCA | 140 | AB | 16019 | 20 | 1-9.5" | Deer/Elk Sized Game | | 3,150 | 2944 | 2747 | 2559 | 2378 | 2205 | 2039 | 1880 | 1730 |
| | TGA | 160 | AB | 60045 | 20 | " | Deer/Elk Sized Game | | 2,850 | 2676 | 2508 | 2347 | 2192 | 2042 | 1899 | 1762 | 1633 |
| | NCA | 160 | PT | 16058 | 20 | " | Deer/Elk Sized Game | | 2,885 | 2687 | 2497 | 2315 | 2141 | 1975 | 1816 | 1667 | 1528 |
| | NCA | 168 | ABLR | 16062 | 20 | " | Deer/Elk Sized Game | | 2,825 | 2674 | 2528 | 2386 | 2249 | 2116 | 1988 | 1865 | 1745 |
| **7mm Remington Magnum** | TGA | 140 | AB | 60033 | 20 | 1-9.5" | Deer/Elk Sized Game | | 3,125 | 2920 | 2724 | 2537 | 2357 | 2185 | 2019 | 1862 | 1713 |
| | BTA | 150 | BT | 40045 | 20 | " | Deer/Hogs/Antelope | | 3,050 | 2852 | 2662 | 2480 | 2306 | 2138 | 1977 | 1824 | 1680 |
| | ETA | 150 | ET | 40032 | 20 | " | Deer/Elk Sized Game | XX | 3,000 | 2808 | 2625 | 2449 | 2280 | 2118 | 1963 | 1815 | 1675 |
| | NCA | 150 | PT | 18420 | 20 | " | Deer/Elk Sized Game | | 3,000 | 2788 | 2587 | 2393 | 2209 | 2032 | 1864 | 1706 | 1558 |
| | BTA | 160 | BT | 43461 | 20 | " | Deer/Hogs/Antelope | | 3,000 | 2818 | 2643 | 2474 | 2312 | 2156 | 2006 | 1862 | 1726 |
| | TGA | 160 | AB | 47284 | 20 | " | Deer/Elk Sized Game | | 3,000 | 2818 | 2643 | 2474 | 2312 | 2156 | 2006 | 1862 | 1726 |
| | TGA | 160 | PT | 61054 | 20 | " | Deer/Elk Sized Game | | 2,950 | 2749 | 2557 | 2372 | 2196 | 2027 | 1866 | 1713 | 1571 |
| | TGA-LR | 168 | ABLR | 60108 | 20 | " | Deer/Elk Sized Game | | 2,880 | 2728 | 2580 | 2436 | 2297 | 2163 | 2034 | 1909 | 1787 |
| | NCA | 175 | PT | 18410 | 20 | " | Deer/Elk Sized Game | | 2,800 | 2624 | 2454 | 2292 | 2135 | 1984 | 1840 | 1704 | 1576 |
| **7mm STW** | NCA | 140 | AB | 17036 | 20 | 1-9.5" | Deer/Elk Sized Game | | 3,300 | 3086 | 2889 | 2697 | 2513 | 2337 | 2167 | 2005 | 1850 |
| | TGA | 140 | PT | 60046 | 20 | " | Deer/Elk Sized Game | | 3,300 | 3065 | 2843 | 2631 | 2429 | 2236 | 2052 | 1877 | 1713 |
| | TGA | 160 | AB | 60047 | 20 | " | Deer/Elk Sized Game | | 3,075 | 2892 | 2716 | 2547 | 2385 | 2228 | 2077 | 1932 | 1794 |
| | TGA-LR | 175 | ABLR | 60104 | 20 | " | Deer/Elk Sized Game | | 2,950 | 2803 | 2661 | 2522 | 2387 | 2256 | 2130 | 2008 | 1889 |
| **7mm PRC** | TGA | 160 | AB | 61242 | 20 | 1-8" | Deer/Elk Sized Game | | 3,031 | 2844 | 2665 | 2493 | 2327 | 2167 | 2014 | 1886 | 1748 |
| | BTA | 160 | BT | 43465 | 20 | " | Deer/Hogs/Antelope | | 3,000 | 2818 | 2643 | 2474 | 2312 | 2156 | 2006 | 1862 | 1726 |
| | TGA-LR | 175 | ABLR | 61239 | 20 | " | Deer/Elk Sized Game | | 3,000 | 2852 | 2708 | 2568 | 2432 | 2299 | 2172 | 2048 | 1929 |
| | MG-RDF | 185 | RDF | 51295 | 20 | " | Targets | | 2,875 | 2743 | 2614 | 2488 | 2365 | 2246 | 2131 | 2020 | 1911 |
| **7mm RUM** | TGA | 160 | AB | 60048 | 20 | 1-9.5" | Deer/Elk Sized Game | | 3,175 | 2985 | 2803 | 2629 | 2461 | 2299 | 2144 | 1994 | 1851 |
| | NCA | 160 | PT | 18705 | 20 | " | Deer/Elk Sized Game | | 3,225 | 3013 | 2812 | 2620 | 2435 | 2259 | 2089 | 1927 | 1773 |
| | TGA-LR | 175 | ABLR | 60120 | 20 | " | Deer/Elk Sized Game | | 3,040 | 2891 | 2746 | 2605 | 2468 | 2334 | 2205 | 2081 | 1960 |
| **28 Nosler** | ETA | 150 | ETA | 40039 | 20 | 1-9" | Deer/Elk Sized Game | XX | 3,250 | 3054 | 2859 | 2674 | 2496 | 2324 | 2160 | 2002 | 1851 |
| | BTA | 160 | BT | 43463 | 20 | " | Deer/Hogs/Antelope | | 3,200 | 3009 | 2826 | 2651 | 2482 | 2320 | 2163 | 2013 | 1869 |
| | TGA | 160 | AB | 60035 | 20 | " | Deer/Elk Sized Game | | 3,300 | 3114 | 2930 | 2753 | 2583 | 2420 | 2262 | 2110 | 1964 |
| | TGA | 160 | PT | 61010 | 20 | " | Deer/Elk Sized Game | | 3,250 | 3035 | 2830 | 2634 | 2446 | 2267 | 2095 | 1930 | 1774 |
| | MGA | 168 | CC | 51287 | 20 | " | Targets | | 3,075 | 2894 | 2715 | 2542 | 2376 | 2217 | 2063 | 1916 | 1776 |
| | TGA-LR | 175 | ABLR | 60155 | 20 | " | Deer/Elk Sized Game | | 3,125 | 2975 | 2827 | 2684 | 2544 | 2409 | 2277 | 2150 | 2028 |
| | NCA | 175 | PT | 18711 | 20 | " | Deer/Elk Sized Game | | 3,100 | 2909 | 2726 | 2551 | 2382 | 2220 | 2064 | 1915 | 1772 |
| | MG-RDF | 185 | RDF | 60141 | 20 | " | Targets | | 2,950 | 2816 | 2685 | 2557 | 2433 | 2312 | 2195 | 2081 | 1971 |
| **300 AAC Blackout** | VMG* | 110 | FB Tipped | 40127 | 20 | 1-8" | Varmints-Targets | | 2,200 | 1930 | 1681 | 1460 | 1273 | 1130 | 1031 | 961 | 906 |
| | ETA* | 110 | ET | 40660 | 20 | " | Deer/Hogs | XX | 2,300 | 1970 | 1672 | 1413 | 1205 | 1063 | 972 | 904 | 850 |
| | BTA* | 125 | BT | 61032 | 20 | " | Deer/Hogs | | 2,250 | 2031 | 1826 | 1636 | 1464 | 1314 | 1189 | 1095 | 1025 |
| | BTA* | 220 | BT RN | 61050 | 20 | " | Deer/Hogs | | 1,020 | 989 | 962 | 937 | 915 | 894 | 875 | 857 | 840 |
| | MGA* | 220 | CC | 51275 | 20 | " | Targets | | 1,020 | 989 | 962 | 937 | 915 | 894 | 875 | 857 | 840 |
| **30-30 Winchester** | BTA | 150 | BT RN | 40065 | 20 | 1-12" | Deer/Hogs/Antelope | | 2,390 | 2035 | 1714 | 1434 | 1212 | 1061 | 966 | 896 | 840 |
| | ETA | 150 | ET RN | 40670 | 20 | " | Deer/Hogs/Antelope | XX | 2,250 | 2024 | 1805 | 1603 | 1423 | 1268 | 1144 | 1054 | 988 |
| | WCA | 150 | SB-RN | 40135 | 20 | " | Deer | | 2,390 | 2035 | 1714 | 1434 | 1212 | 1061 | 966 | 896 | 840 |
| **7.62x39mm** | VMG | 123 | FB Tipped | 60176 | 20 | 1-9.45" | Varmints-Targets | | 2,350 | 2081 | 1841 | 1612 | 1410 | 1241 | 1112 | 1023 | 957 |
| | BTA | 123 | BT | 40069 | 20 | " | Deer/Hogs | | 2,350 | 2089 | 1845 | 1622 | 1423 | 1255 | 1125 | 1034 | 967 |
| | ETA | 123 | ET | 40040 | 20 | " | Deer/Hogs | XX | 2,350 | 2099 | 1865 | 1649 | 1455 | 1288 | 1154 | 1058 | 988 |
| **308 Winchester** | VMG | 110 | FB Tipped | 40272 | 20 | 1-10" | Varmints-Targets | | 3,150 | 2818 | 2510 | 2222 | 1953 | 1706 | 1485 | 1297 | 1151 |
| | BTA | 125 | BT | 40061 | 20 | " | Deer/Hogs/Antelope | | 3,100 | 2836 | 2587 | 2351 | 2128 | 1918 | 1722 | 1541 | 1381 |
| | BTA | 150 | BT | 61028 | 20 | " | Deer/Hogs/Antelope | | 2,850 | 2636 | 2431 | 2236 | 2050 | 1873 | 1707 | 1553 | 1412 |
| | TGA | 150 | AB | 60056 | 20 | " | Deer/Elk Sized Game | | 2,875 | 2662 | 2459 | 2265 | 2080 | 1904 | 1738 | 1584 | 1442 |
| | WCA | 150 | SB | 40128 | 20 | " | Deer | | 2,850 | 2616 | 2394 | 2183 | 1983 | 1795 | 1619 | 1459 | 1318 |
| | BTA | 165 | BT | 40063 | 20 | " | Deer/Hogs/Antelope | | 2,800 | 2608 | 2424 | 2247 | 2078 | 1917 | 1764 | 1620 | 1487 |
| | TGA | 165 | AB | 60049 | 20 | " | Deer/Elk Sized Game | | 2,800 | 2608 | 2424 | 2247 | 2078 | 1917 | 1764 | 1620 | 1487 |
| | TGA | 165 | PT | 60053 | 20 | " | Deer/Elk Sized Game | | 2,800 | 2578 | 2367 | 2166 | 1975 | 1795 | 1627 | 1473 | 1336 |
| | WCA | 165 | SB | 40120 | 20 | " | Deer | | 2,800 | 2591 | 2392 | 2202 | 2020 | 1848 | 1686 | 1535 | 1399 |
| | TGA-LR | 168 | ABLR | 60101 | 20 | " | Deer/Elk Sized Game | | 2,750 | 2577 | 2409 | 2248 | 2094 | 1945 | 1803 | 1665 | 1531 |
| | MGA | 168 | HPBT | 60054 | 20 | " | Targets | | 2,750 | 2555 | 2368 | 2189 | 2018 | 1855 | 1701 | 1558 | 1427 |
| | ETA | 168 | ET | 40035 | 20 | " | Deer/Elk Sized Game | XX | 2,750 | 2570 | 2398 | 2232 | 2073 | 1920 | 1775 | 1638 | 1511 |
| | MGA | 175 | HPBT | 60072 | 20 | " | Targets | | 2,600 | 2425 | 2256 | 2095 | 1940 | 1792 | 1653 | 1523 | 1404 |
| | MGA-RDF | 175 | RDF | 60132 | 20 | " | Targets | | 2,650 | 2489 | 2329 | 2175 | 2027 | 1884 | 1747 | 1614 | 1485 |

| | ENERGY (FT-LBS) | | | | | | | | | DROP IN INCHES (100 YRD ZERO) | | | | | | | | | DROP IN INCHES (200 YRD ZERO) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MZ | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | MZ | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | MZ | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 |
| 2987 | 2607 | 2268 | 1966 | 1696 | 1456 | 1244 | 1057 | 894 | -1.5 | 0 | -2.7 | -10.1 | -23.0 | -42.3 | -69.1 | -104.5 | -150.2 | -1.5 | 1.3 | 0.0 | -6.1 | -17.7 | -35.7 | -61.1 | -95.2 | -139.6 |
| 2987 | 2607 | 2268 | 1966 | 1696 | 1456 | 1244 | 1057 | 894 | -1.5 | 0 | -2.7 | -10.1 | -23.0 | -42.3 | -69.1 | -104.5 | -150.2 | -1.5 | 1.3 | 0.0 | -6.1 | -17.7 | -35.7 | -61.1 | -95.2 | -139.6 |
| 2987 | 2610 | 2273 | 1973 | 1705 | 1466 | 1253 | 1067 | 904 | -1.5 | 0 | -2.6 | -10.1 | -22.9 | -42.2 | -68.8 | -104.1 | -149.5 | -1.5 | 1.3 | 0.0 | -6.1 | -17.7 | -35.6 | -60.9 | -94.8 | -138.9 |
| 2859 | 2532 | 2233 | 1963 | 1719 | 1500 | 1303 | 1126 | 968 | -1.5 | 0 | -3.1 | -11.3 | -25.5 | -46.4 | -75.1 | -112.6 | -160.5 | -1.5 | 1.5 | 0.0 | -6.7 | -19.4 | -38.7 | -65.9 | -101.9 | -148.2 |
| 3091 | 2725 | 2395 | 2097 | 1829 | 1589 | 1374 | 1183 | 1015 | -1.5 | 0 | -3.0 | -11.2 | -25.3 | -46.2 | -74.8 | -112.5 | -160.6 | -1.5 | 1.5 | 0.0 | -6.7 | -19.3 | -38.6 | -65.7 | -101.9 | -148.4 |
| 3091 | 2686 | 2331 | 2011 | 1727 | 1475 | 1253 | 1060 | 893 | -1.5 | 0 | -3.1 | -11.5 | -26.1 | -47.8 | -77.9 | -117.9 | -169.5 | -1.5 | 1.5 | 0.0 | -6.9 | -19.9 | -40.0 | -68.6 | -107.0 | -157.1 |
| 3083 | 2765 | 2473 | 2205 | 1961 | 1738 | 1536 | 1353 | 1186 | -1.5 | 0 | -3.2 | -11.6 | -26 | -46.9 | -75.3 | -112.2 | -158.6 | -1.5 | 1.6 | 0.0 | -6.8 | -19.6 | -38.9 | -65.7 | -101 | -145.9 |
| 3084 | 2693 | 2345 | 2035 | 1758 | 1511 | 1292 | 1099 | 930 | -1.5 | 0 | -2.5 | -9.6 | -22.1 | -40.7 | -66.5 | -100.6 | -144.6 | -1.5 | 1.3 | 0.0 | -5.9 | -17.1 | -34.4 | -58.9 | -91.8 | -134.6 |
| 2885 | 2543 | 2235 | 1957 | 1706 | 1482 | 1281 | 1103 | 948 | -1.5 | 0 | -3.4 | -12.3 | -27.5 | -49.9 | -80.7 | -121.2 | -172.8 | -1.5 | 1.7 | 0.0 | -7.2 | -20.7 | -41.5 | -70.6 | -109.4 | -159.4 |
| 2957 | 2564 | 2215 | 1904 | 1628 | 1385 | 1172 | 987 | 829 | -1.5 | 0 | -3.3 | -12.2 | -27.6 | -50.6 | -82.6 | -125.1 | -180.1 | -1.5 | 1.7 | 0.0 | -7.2 | -21 | -42.3 | -72.6 | -113.5 | -166.9 |
| 2977 | 2667 | 2383 | 2123 | 1886 | 1670 | 1475 | 1297 | 1135 | -1.5 | 0 | -3.4 | -12.2 | -27.1 | -48.9 | -78.5 | -116.9 | -165.3 | -1.5 | 1.7 | 0.0 | -7.1 | -20.4 | -40.5 | -68.4 | -105.1 | -151.8 |
| 3035 | 2650 | 2307 | 2000 | 1727 | 1483 | 1268 | 1078 | 912 | -1.5 | 0 | -2.6 | -9.9 | -22.5 | -41.5 | -67.7 | -102.5 | -147.4 | -1.5 | 1.3 | 0.0 | -6.0 | -17.4 | -35.0 | -60.0 | -93.5 | -137.1 |
| 3098 | 2708 | 2360 | 2048 | 1770 | 1522 | 1302 | 1109 | 940 | -1.5 | 0 | -2.8 | -10.5 | -23.8 | -43.7 | -71.3 | -107.7 | -154.6 | -1.5 | 1.4 | 0.0 | -6.3 | -18.3 | -36.8 | -62.9 | -98.0 | -143.5 |
| 2997 | 2627 | 2295 | 1998 | 1731 | 1494 | 1283 | 1097 | 934 | -1.5 | 0 | -2.9 | -10.9 | -24.6 | -45.1 | -73.3 | -110.6 | -158.5 | -1.5 | 1.5 | 0.0 | -6.5 | -18.8 | -37.8 | -64.6 | -100.4 | -146.8 |
| 2997 | 2589 | 2228 | 1908 | 1625 | 1375 | 1157 | 969 | 809 | -1.5 | 0 | -3 | -11.2 | -25.4 | -46.8 | -76.7 | -116.6 | -168.4 | -1.5 | 1.5 | 0.0 | -6.7 | -19.5 | -39.4 | -67.8 | -106.1 | -156.5 |
| 3197 | 2820 | 2481 | 2175 | 1899 | 1651 | 1429 | 1232 | 1058 | -1.5 | 0 | -2.9 | -10.8 | -24.3 | -44.4 | -71.9 | -108.1 | -154.4 | -1.5 | 1.4 | 0.0 | -6.4 | -18.5 | -37.2 | -63.3 | -98.1 | -142.9 |
| 3197 | 2820 | 2481 | 2175 | 1899 | 1651 | 1429 | 1232 | 1058 | -1.5 | 0 | -2.9 | -10.8 | -24.3 | -44.4 | -71.9 | -108.1 | -154.4 | -1.5 | 1.4 | 0.0 | -6.4 | -18.5 | -37.2 | -63.3 | -98.1 | -142.9 |
| 3091 | 2684 | 2322 | 1999 | 1713 | 1459 | 1236 | 1043 | 877 | -1.5 | 0 | -3.1 | -11.5 | -26.2 | -48.0 | -78.4 | -118.7 | -170.9 | -1.5 | 1.6 | 0.0 | -6.9 | -20.0 | -40.2 | -69.0 | -107.8 | -158.5 |
| 3094 | 2775 | 2482 | 2214 | 1968 | 1745 | 1543 | 1359 | 1191 | -1.5 | 0 | -3.2 | -11.6 | -25.8 | -46.7 | -75.0 | -111.7 | -158.0 | -1.5 | 1.6 | 0.0 | -6.8 | -19.5 | -38.8 | -65.5 | -100.6 | -145.3 |
| 3045 | 2675 | 2341 | 2040 | 1771 | 1530 | 1316 | 1128 | 965 | -1.5 | 0 | -3.6 | -12.9 | -28.8 | -52.4 | -84.9 | -127.6 | -182.3 | -1.5 | 1.8 | 0.0 | -7.6 | -21.7 | -43.6 | -74.2 | -115.2 | -168.1 |
| 3384 | 2966 | 2594 | 2261 | 1963 | 1697 | 1460 | 1250 | 1064 | -1.5 | 0 | -2.1 | -8.5 | -19.6 | -36.2 | -59.2 | -89.6 | -128.6 | -1.5 | 1.1 | 0.0 | -5.2 | -15.3 | -30.8 | -52.7 | -82.1 | -120.1 |
| 3384 | 2920 | 2512 | 2152 | 1834 | 1555 | 1309 | 1095 | 912 | -1.5 | 0 | -2.2 | -8.7 | -20.3 | -37.7 | -62.1 | -94.8 | -137.4 | -1.5 | 1.1 | 0.0 | -5.4 | -15.9 | -32.2 | -55.5 | -87.1 | -128.6 |
| 3358 | 2971 | 2621 | 2305 | 2020 | 1763 | 1532 | 1326 | 1143 | -1.5 | 0 | -2.7 | -10.0 | -22.8 | -41.6 | -67.5 | -101.5 | -144.7 | -1.5 | 1.3 | 0.0 | -6.0 | -17.5 | -35.0 | -59.5 | -92.1 | -134.1 |
| 3381 | 3053 | 2750 | 2470 | 2213 | 1977 | 1762 | 1566 | 1387 | -1.5 | 0 | -2.9 | -10.8 | -24.1 | -43.5 | -69.8 | -103.7 | -146.3 | -1.5 | 1.5 | 0.0 | -6.4 | -18.2 | -36.2 | -61.0 | -93.4 | -134.5 |
| 3264 | 2873 | 2523 | 2207 | 1924 | 1669 | 1441 | 1263 | 1085 | -1.5 | 0 | -2.8 | -10.5 | -23.8 | -43.5 | -70.7 | -105.6 | -150.7 | -1.5 | 1.4 | 0.0 | -6.3 | -18.2 | -36.5 | -62.3 | -95.8 | -139.6 |
| 3197 | 2820 | 2481 | 2175 | 1899 | 1651 | 1429 | 1232 | 1058 | -1.5 | 0 | -2.9 | -10.8 | -24.3 | -44.4 | -71.9 | -108.1 | -154.4 | -1.5 | 1.4 | 0.0 | -6.4 | -18.5 | -37.2 | -63.3 | -98.1 | -142.9 |
| 3497 | 3161 | 2849 | 2562 | 2297 | 2054 | 1832 | 1630 | 1445 | -1.5 | 0 | -2.8 | -10.3 | -23.1 | -41.8 | -67 | -99.7 | -140.6 | -1.5 | 1.4 | 0.0 | -6.1 | -17.5 | -34.8 | -58.7 | -90 | -129.5 |
| 3395 | 3090 | 2805 | 2542 | 2298 | 2073 | 1866 | 1675 | 1500 | -1.5 | 0 | -3.1 | -11.3 | -25.2 | -45.2 | -72.2 | -106.8 | -149.9 | -1.5 | 1.6 | 0.0 | -6.7 | -18.9 | -37.4 | -62.8 | -95.9 | -137.4 |
| 3581 | 3165 | 2792 | 2455 | 2151 | 1878 | 1633 | 1413 | 1217 | -1.5 | 0 | -2.4 | -9.2 | -21.1 | -38.7 | -62.9 | -94.7 | -135.2 | -1.5 | 1.2 | 0.0 | -5.6 | -16.3 | -32.7 | -55.7 | -86.3 | -125.6 |
| 3694 | 3226 | 2810 | 2439 | 2107 | 1812 | 1550 | 1319 | 1117 | -1.5 | 0 | -2.3 | -9.1 | -20.9 | -38.5 | -63.0 | -95.5 | -137.4 | -1.5 | 1.2 | 0.0 | -5.6 | -16.2 | -32.7 | -56.0 | -87.4 | -128.0 |
| 3591 | 3248 | 2930 | 2636 | 2366 | 2117 | 1890 | 1682 | 1493 | -1.5 | 0 | -2.7 | -9.9 | -22.3 | -40.5 | -65.0 | -96.6 | -136.3 | -1.5 | 1.3 | 0.0 | -5.9 | -17.0 | -33.8 | -57.0 | -87.3 | -125.7 |
| 3530 | 3105 | 2723 | 2381 | 2074 | 1799 | 1553 | 1334 | 1141 | -1.5 | 0 | -2.2 | -8.7 | -20.1 | -37.0 | -60.4 | -91.3 | -130.9 | -1.5 | 1.1 | 0.0 | -5.4 | -15.6 | -31.5 | -53.7 | -83.5 | -121.9 |
| 3637 | 3216 | 2837 | 2496 | 2189 | 1912 | 1663 | 1440 | 1241 | -1.5 | 0 | -2.3 | -9.0 | -20.7 | -38.0 | -61.8 | -93.0 | -132.8 | -1.5 | 1.2 | 0.0 | -5.5 | -16.0 | -32.1 | -54.7 | -84.8 | -123.4 |
| 3883 | 3444 | 3049 | 2693 | 2371 | 2080 | 1818 | 1582 | 1371 | -1.5 | 0 | -2.1 | -8.3 | -19.0 | -35.0 | -57.0 | -85.9 | -122.6 | -1.5 | 1.1 | 0.0 | -5.1 | -14.9 | -29.8 | -50.8 | -78.6 | -114.2 |
| 3752 | 3271 | 2844 | 2464 | 2126 | 1825 | 1558 | 1323 | 1118 | -1.5 | 0 | -2.3 | -8.9 | -20.6 | -38.0 | -62.3 | -94.5 | -136.0 | -1.5 | 1.1 | 0.0 | -5.5 | -16.0 | -32.3 | -55.4 | -86.5 | -126.9 |
| 3541 | 3124 | 2749 | 2411 | 2106 | 1833 | 1587 | 1369 | 1176 | -1.5 | 0 | -2.7 | -10.0 | -22.8 | -41.7 | -67.7 | -101.9 | -145.6 | -1.5 | 1.3 | 0.0 | -6.1 | -17.5 | -35.1 | -59.8 | -92.6 | -135.0 |
| 3794 | 3438 | 3106 | 2799 | 2515 | 2254 | 2015 | 1797 | 1597 | -1.5 | 0 | -2.4 | -9.2 | -20.8 | -37.8 | -60.8 | -90.5 | -127.7 | -1.5 | 1.2 | 0.0 | -5.6 | -16.0 | -31.7 | -53.5 | -82.0 | -118.0 |
| 3734 | 3288 | 2888 | 2528 | 2205 | 1915 | 1655 | 1424 | 1220 | -1.5 | 0 | -2.6 | -9.9 | -22.6 | -41.3 | -67.2 | -101.2 | -144.7 | -1.5 | 1.3 | 0.0 | -6 | -17.3 | -34.8 | -59.3 | -92.1 | -134.3 |
| 3574 | 3257 | 2961 | 2686 | 2431 | 2196 | 1979 | 1779 | 1596 | -1.5 | 0 | -2.9 | -10.6 | -23.6 | -42.5 | -67.9 | -100.6 | -141.2 | -1.5 | 1.4 | 0.0 | -6.3 | -17.9 | -35.3 | -59.3 | -90.5 | -129.7 |
| 1182 | 909 | 690 | 521 | 396 | 312 | 260 | 225 | 200 | -1.5 | 0 | -7.9 | -28.2 | -64.9 | -123.0 | -208.4 | -326.5 | -482.3 | -1.5 | 4.0 | 0.0 | -16.3 | -49.1 | -103.3 | -184.7 | -298.9 | -450.7 |
| 1292 | 948 | 683 | 487 | 355 | 276 | 231 | 200 | 176 | -1.5 | 0 | -7.5 | -27.6 | -65.3 | -126.9 | -219.2 | -348.3 | -520.0 | -1.5 | 3.8 | 0.0 | -16.3 | -50.2 | -108.0 | -196.6 | -321.9 | -489.8 |
| 1404 | 1145 | 926 | 743 | 595 | 479 | 392 | 332 | 291 | -1.5 | 0 | -7.0 | -24.4 | -54.8 | -101.5 | -168.4 | -259.8 | -380.2 | -1.5 | 3.5 | 0.0 | -13.9 | -40.9 | -84.1 | -147.5 | -235.4 | -352.4 |
| 508 | 478 | 452 | 429 | 408 | 390 | 374 | 359 | 344 | -1.5 | 0 | -34.0 | -106.0 | -217.0 | -370.0 | -566.0 | -808.0 | -1098.0 | -1.5 | 17.0 | 0.0 | -54.6 | -149.0 | -285.0 | -464.0 | -689.0 | -961.0 |
| 508 | 478 | 452 | 429 | 408 | 390 | 374 | 359 | 344 | -1.5 | 0 | -34.0 | -106.0 | -217.0 | -370.0 | -566.0 | -808.0 | -1098.0 | -1.5 | 17.0 | 0.0 | -54.6 | -149.0 | -285.0 | -464.0 | -689.0 | -961.0 |
| 1902 | 1379 | 978 | 685 | 489 | 375 | 311 | 268 | 235 | -1.5 | 0 | -7 | -25.9 | -61.9 | -121.7 | -212.2 | -340 | -511.1 | -1.5 | 3.5 | 0.0 | -15.5 | -48 | -104.2 | -191.2 | -315.5 | -483.2 |
| 1698 | 1364 | 1085 | 856 | 674 | 535 | 436 | 370 | 325 | -1.5 | 0 | -7.0 | -24.8 | -56.1 | -104.7 | -174.9 | -271.7 | -399.7 | -1.5 | 3.5 | 0.0 | -14.2 | -42.1 | -87.1 | -153.8 | -247.1 | -371.6 |
| 1902 | 1379 | 978 | 685 | 489 | 375 | 311 | 268 | 235 | -1.5 | 0 | -7 | -25.9 | -61.9 | -121.7 | -212.2 | -340 | -511.1 | -1.5 | 3.5 | 0.0 | -15.5 | -48 | -104.2 | -191.2 | -315.5 | -483.2 |
| 1508 | 1194 | 925 | 710 | 543 | 420 | 338 | 286 | 250 | -1.5 | 0 | -6.5 | -23.3 | -53.6 | -101.4 | -171.9 | -270.4 | -402.1 | -1.5 | 3.2 | 0.0 | -13.6 | -40.6 | -85.2 | -152.4 | -247.6 | -376.1 |
| 1508 | 1191 | 930 | 718 | 553 | 430 | 346 | 292 | 256 | -1.5 | 0 | -6.5 | -23.3 | -53.4 | -100.7 | -170.1 | -267.0 | -396.4 | -1.5 | 3.3 | 0.0 | -13.5 | -40.3 | -84.4 | -150.6 | -244.2 | -370.4 |
| 1508 | 1204 | 950 | 742 | 578 | 453 | 364 | 305 | 267 | -1.5 | 0 | -6.4 | -22.9 | -52.2 | -98.1 | -164.9 | -257.8 | -381.8 | -1.5 | 3.2 | 0.0 | -13.3 | -39.4 | -82.0 | -145.6 | -235.3 | -356.1 |
| 2423 | 1939 | 1538 | 1206 | 932 | 711 | 539 | 411 | 323 | -1.5 | 0 | -2.9 | -11.3 | -26.9 | -51.6 | -88.3 | -140.8 | -214.0 | -1.5 | 1.4 | 0.0 | -7.0 | -21.1 | -44.3 | -79.6 | -130.7 | -202.5 |
| 2667 | 2232 | 1857 | 1534 | 1257 | 1021 | 823 | 659 | 529 | -1.5 | 0 | -2.8 | -10.9 | -25.2 | -47.3 | -78.9 | -122.2 | -180.2 | -1.5 | 1.4 | 0.0 | -6.6 | -19.6 | -40.2 | -70.3 | -112.2 | -168.8 |
| 2705 | 2313 | 1969 | 1665 | 1399 | 1169 | 970 | 803 | 664 | -1.5 | 0 | -3.5 | -12.9 | -29.3 | -54 | -88.6 | -135.2 | -196.2 | -1.5 | 1.8 | 0 | -7.7 | -22.3 | -45.2 | -78 | -122.9 | -182.1 |
| 2752 | 2360 | 2014 | 1709 | 1441 | 1207 | 1006 | 835 | 693 | -1.5 | 0 | -3.4 | -12.6 | -28.5 | -52.6 | -86.2 | -131.3 | -190.4 | -1.5 | 1.7 | 0.0 | -7.5 | -21.7 | -44.0 | -75.9 | -119.4 | -176.7 |
| 2705 | 2280 | 1909 | 1587 | 1310 | 1072 | 873 | 709 | 579 | -1.5 | 0 | -3.6 | -13.3 | -30.3 | -56.1 | -92.8 | -142.8 | -209.2 | -1.5 | 1.8 | 0.0 | -7.9 | -23.1 | -47.1 | -82.0 | -130.2 | -194.8 |
| 2871 | 2491 | 2152 | 1850 | 1582 | 1346 | 1139 | 961 | 810 | -1.5 | 0 | -3.6 | -13.2 | -29.6 | -54.1 | -88.1 | -133.3 | -191.7 | -1.5 | 1.8 | 0.0 | -7.7 | -22.4 | -45.1 | -77.2 | -120.6 | -177.2 |
| 2871 | 2491 | 2152 | 1850 | 1582 | 1346 | 1139 | 961 | 810 | -1.5 | 0 | -3.6 | -13.2 | -29.6 | -54.1 | -88.1 | -133.3 | -191.7 | -1.5 | 1.8 | 0.0 | -7.7 | -22.4 | -45.1 | -77.2 | -120.6 | -177.2 |
| 2871 | 2435 | 2053 | 1719 | 1429 | 1180 | 969 | 795 | 654 | -1.5 | 0 | -3.7 | -13.7 | -31.1 | -57.4 | -94.6 | -144.9 | -211.3 | -1.5 | 1.9 | 0.0 | -8.1 | -23.6 | -48.1 | -83.3 | -131.8 | -196.3 |
| 2871 | 2460 | 2096 | 1776 | 1495 | 1251 | 1041 | 863 | 716 | -1.5 | 0 | -3.7 | -13.5 | -30.4 | -55.9 | -91.7 | -139.6 | -202.4 | -1.5 | 1.8 | 0.0 | -7.9 | -23.1 | -46.7 | -80.6 | -126.7 | -187.7 |
| 2820 | 2476 | 2165 | 1885 | 1635 | 1412 | 1212 | 1034 | 875 | -1.5 | 0 | -3.7 | -13.5 | -30.1 | -54.7 | -88.5 | -133.0 | -190.1 | -1.5 | 1.9 | 0.0 | -7.9 | -22.6 | -45.3 | -77.2 | -119.9 | -175.1 |
| 2820 | 2434 | 2091 | 1787 | 1519 | 1283 | 1080 | 906 | 760 | -1.5 | 0 | -3.8 | -13.9 | -31.2 | -57.1 | -93.1 | -141.1 | -203.5 | -1.5 | 1.9 | 0.0 | -8.1 | -23.5 | -47.5 | -81.6 | -127.7 | -188.1 |
| 2820 | 2464 | 2145 | 1858 | 1602 | 1375 | 1175 | 1001 | 852 | -1.5 | 0 | -3.8 | -13.6 | -30.4 | -55.3 | -89.7 | -135.1 | -193.5 | -1.5 | 1.9 | 0.0 | -7.9 | -22.9 | -45.9 | -78.4 | -121.9 | -178.4 |
|

# AMMUNITION
## APPENDIX

* 22 Nosler test bbl 24"
* 5.56 test bbl 16"
* 6.8 SPC test bbl 20"
* 300 Blk test bbl 16"
* 7.62x51 test bbl 18"
*26,27,28,30,33 Nosler test bbl 26"

| | |
|---|---|
| BTA | Ballistic Tip Ammunition |
| BTV | Ballistic Tip Varmint Ammunition |
| DEFENSE | Defense Ammunition |
| ETA | Expansion Tip Ammunition |
| MGA | Match Grade Ammunition |
| SAFARI | Safari Dangerous Game Ammunition |
| TGA | Trophy Grade Ammunition |
| TGA-LR | Trophy Grade (LONG RANGE) Ammunition |
| VMG | Varmageddon Ammunition |
| WCA | Whitetail Country Ammunition |

| | |
|---|---|
| FBHP | Flat Base Hollow Point |
| HPBT | Hollow Point Boat Tail |
| SP | Spitzer |
| T-BND | Tipped Bonded |
| JHP | Jacketed Hollow Point |
| B-JHP | Bonded Jacketed Hollow Point |
| PT | Partition |
| BTLF | Ballistic Tip Lead Free |

| | |
|---|---|
| ET | Expansion Tip |
| SD | Solid |
| BT | Ballistic Tip |
| AB | AccuBond |
| CC | Custom Competition |
| ABLR | AccuBond Long Range |
| BT RN | Ballistic Tip Round Nose |
| RDF | Reduced Drag Factor |

| | |
|---|---|
| LF | Lead-Free |
| MZL | Muzzle |
| SB | Solid Base |
| SB-RN | Solid Base Round Nose |
| SD | Solid |
| SW | Straightwall |

| RIFLE | | | | | | | | | VELOCITY (FPS) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CARTRIDGE | BRAND | BULLET WEIGHT | BULLET STYLE | PART # | COUNT | BBL TWIST RQMT | FOR USE | LEAD FREE | MZ | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 |
| **30-06 Springfield** | BTA | 125 | BT | 40068 | 20 | 1-12" | Deer/Hogs/Antelope | | 3,100 | 2836 | 2587 | 2351 | 2128 | 1918 | 1722 | 1541 | 1381 |
| | TGA | 150 | PT | 60055 | 20 | " | Deer/Elk Sized Game | | 3,000 | 2755 | 2523 | 2302 | 2093 | 1895 | 1710 | 1539 | 1387 |
| | WCA | 150 | SB | 40132 | 20 | " | Deer | | 2,950 | 2711 | 2484 | 2269 | 2064 | 1871 | 1690 | 1523 | 1374 |
| | TGA | 165 | AB | 60057 | 20 | " | Deer/Elk Sized Game | | 2,950 | 2749 | 2557 | 2372 | 2196 | 2027 | 1866 | 1713 | 1571 |
| | BTA | 165 | BT | 40043 | 20 | " | Deer/Hogs/Antelope | | 2,950 | 2749 | 2557 | 2372 | 2196 | 2027 | 1866 | 1713 | 1571 |
| | TGA | 165 | PT | 61018 | 20 | " | Deer/Elk Sized Game | | 2,950 | 2718 | 2497 | 2287 | 2088 | 1898 | 1720 | 1556 | 1407 |
| | WCA | 165 | SB | 40125 | 20 | " | Deer | | 2,900 | 2687 | 2483 | 2289 | 2103 | 1926 | 1759 | 1603 | 1460 |
| | TGA-LR | 168 | ABLR | 60102 | 20 | " | Deer/Elk Sized Game | | 2,800 | 2625 | 2456 | 2293 | 2137 | 1987 | 1842 | 1703 | 1568 |
| | ETA | 168 | ET | 40036 | 20 | " | Deer/Elk Sized Game | XX | 2,800 | 2618 | 2444 | 2276 | 2115 | 1961 | 1814 | 1675 | 1545 |
| | BTA | 180 | BT | 40072 | 20 | " | Deer/Hogs/Antelope | | 2,750 | 2572 | 2400 | 2236 | 2078 | 1926 | 1782 | 1646 | 1519 |
| | ETA | 180 | ET | 40037 | 20 | " | Deer/Elk/Moose Sized Game | XX | 2,750 | 2578 | 2412 | 2252 | 2098 | 1952 | 1811 | 1677 | 1552 |
| | TGA | 180 | AB | 46134 | 20 | " | Deer/Elk/Moose Sized Game | | 2,750 | 2572 | 2400 | 2236 | 2078 | 1926 | 1782 | 1646 | 1519 |
| | TGA | 180 | PT | 46142 | 20 | " | Deer/Elk/Moose Sized Game | | 2,750 | 2559 | 2377 | 2202 | 2035 | 1875 | 1724 | 1583 | 1453 |
| | NCA | 190 | ABLR | 37080 | 20 | " | Deer/Elk/Moose Sized Game | | 2,700 | 2548 | 2402 | 2260 | 2123 | 1991 | 1864 | 1740 | 1620 |
| **300 SAUM** | NCA | 150 | AB | 19045 | 20 | 1-10" | Deer/Elk Sized Game | | 3,200 | 2971 | 2754 | 2547 | 2349 | 2160 | 1980 | 1809 | 1650 |
| | TGA | 165 | PT | 60061 | 20 | " | Deer/Elk Sized Game | | 3,025 | 2789 | 2565 | 2352 | 2149 | 1956 | 1775 | 1606 | 1452 |
| | TGA | 180 | PT | 60062 | 20 | " | Deer/Elk/Moose Sized Game | | 2,950 | 2749 | 2556 | 2371 | 2194 | 2025 | 1864 | 1711 | 1569 |
| | NCA | 180 | AB | 19005 | 20 | " | Deer/Elk/Moose Sized Game | | 2,900 | 2713 | 2535 | 2363 | 2197 | 2039 | 1887 | 1743 | 1607 |
| **300 WSM** | BTA | 165 | BT | 61035 | 20 | 1-10" | Deer/Hogs/Antelope | | 3,125 | 2916 | 2716 | 2525 | 2342 | 2167 | 1999 | 1840 | 1689 |
| | TGA | 180 | AB | 60063 | 20 | " | Deer/Elk/Moose Sized Game | | 2,950 | 2761 | 2580 | 2407 | 2240 | 2079 | 1926 | 1779 | 1641 |
| | ETA | 180 | ET | 40152 | 20 | " | Deer/Elk/Moose Sized Game | XX | 2,900 | 2719 | 2545 | 2378 | 2217 | 2062 | 1914 | 1773 | 1639 |
| | TGA-LR | 190 | ABLR | 60106 | 20 | " | Deer/Elk Sized Game | | 2,875 | 2718 | 2566 | 2419 | 2277 | 2139 | 2007 | 1879 | 1755 |
| **300 Winchester Magnum** | NCA | 165 | PT | 23320 | 20 | 1-10" | Deer/Elk Sized Game | | 3,100 | 2860 | 2632 | 2416 | 2210 | 2014 | 1829 | 1656 | 1497 |
| | TGA | 180 | AB | 60059 | 20 | " | Deer/Elk/Moose Sized Game | | 2,950 | 2763 | 2585 | 2413 | 2248 | 2089 | 1937 | 1793 | 1656 |
| | TGA | 180 | PT | 61056 | 20 | " | Deer/Elk/Moose Sized Game | | 2,950 | 2749 | 2556 | 2371 | 2194 | 2025 | 1864 | 1711 | 1569 |
| | BTA | 180 | BT | 40053 | 20 | " | Deer/Hogs/Antelope | | 2,950 | 2763 | 2585 | 2413 | 2248 | 2089 | 1937 | 1793 | 1656 |
| | ETA | 180 | ET | 40038 | 20 | " | Deer/Elk/Moose Sized Game | XX | 2,950 | 2770 | 2596 | 2430 | 2269 | 2115 | 1968 | 1827 | 1692 |
| | TGA-LR | 190 | ABLR | 60126 | 20 | " | Deer/Elk Sized Game | | 2,870 | 2714 | 2562 | 2414 | 2272 | 2135 | 2003 | 1875 | 1751 |
| | NCA | 200 | AB | 23300 | 20 | " | Deer/Elk/Moose Sized Game | | 2,800 | 2642 | 2490 | 2343 | 2201 | 2063 | 1931 | 1804 | 1683 |
| | TGA | 200 | PT | 60069 | 20 | " | Deer/Elk/Moose Sized Game | | 2,750 | 2562 | 2382 | 2210 | 2044 | 1886 | 1737 | 1597 | 1467 |
| | MGA-RDF | 210 | RDF | 60158 | 20 | " | Targets | | 2,750 | 2617 | 2488 | 2363 | 2241 | 2123 | 2009 | 1898 | 1790 |
| **300 H&H Magnum** | TGA | 180 | AB | 60060 | 20 | 1-10" | Deer/Elk/Moose Sized Game | | 2,850 | 2666 | 2488 | 2318 | 2155 | 1998 | 1848 | 1706 | 1573 |
| | NCA | 180 | PT | 20063 | 20 | " | Deer/Elk/Moose Sized Game | | 2,850 | 2653 | 2464 | 2284 | 2110 | 1945 | 1788 | 1640 | 1503 |
| **300 WBY Magnum** | TGA | 180 | AB | 48643 | 20 | 1-10" | Deer/Elk/Moose Sized Game | | 3,175 | 2979 | 2791 | 2612 | 2439 | 2273 | 2113 | 1960 | 1814 |
| | ETA | 180 | ET | 40012 | 20 | " | Deer/Elk/Moose Sized Game | XX | 3,050 | 2865 | 2688 | 2517 | 2353 | 2196 | 2044 | 1898 | 1760 |
| | NCA | 180 | PT | 22005 | 20 | " | Deer/Elk/Moose Sized Game | | 3,175 | 2965 | 2766 | 2575 | 2392 | 2217 | 2049 | 1888 | 1736 |
| | TGA-LR | 210 | ABLR | 60131 | 20 | " | Deer/Elk/Moose Sized Game | | 2,825 | 2685 | 2548 | 2415 | 2286 | 2161 | 2041 | 1924 | 1811 |
| **30 Nosler** | TGA | 180 | AB | 60117 | 20 | 1-10" | Deer/Elk/Moose Sized Game | | 3,200 | 3004 | 2815 | 2635 | 2462 | 2295 | 2135 | 1982 | 1836 |
| | ETA | 180 | ET | 40330 | 20 | " | Deer/Elk/Moose Sized Game | XX | 3,100 | 2918 | 2737 | 2563 | 2396 | 2235 | 2081 | 1932 | 1791 |
| | TGA | 200 | AB | 61012 | 20 | " | Deer/Elk/Moose Sized Game | | 3,000 | 2835 | 2676 | 2523 | 2374 | 2231 | 2092 | 1959 | 1831 |
| | TGA | 200 | PT | 61230 | 20 | " | Deer/Elk/Moose Sized Game | | 3,000 | 2799 | 2607 | 2423 | 2246 | 2077 | 1916 | 1762 | 1618 |
| | TGA-LR | 210 | ABLR | 60118 | 20 | " | Deer/Elk/Moose Sized Game | | 3,000 | 2855 | 2714 | 2577 | 2443 | 2313 | 2188 | 2066 | 1949 |
| **300 RUM** | TGA | 165 | PT | 60064 | 20 | 1-10" | Deer/Elk Sized Game | | 3,350 | 3099 | 2862 | 2638 | 2424 | 2220 | 2026 | 1843 | 1671 |
| | TGA | 180 | AB | 60065 | 20 | " | Deer/Elk/Moose Sized Game | | 3,250 | 3050 | 2860 | 2678 | 2502 | 2334 | 2172 | 2016 | 1868 |
| | TGA | 180 | PT | 60066 | 20 | " | Deer/Elk/Moose Sized Game | | 3,200 | 2989 | 2789 | 2597 | 2413 | 2237 | 2068 | 1906 | 1754 |
| | ETA | 180 | ET | 40144 | 20 | " | Deer/Elk/Moose Sized Game | XX | 3,200 | 3009 | 2826 | 2650 | 2481 | 2318 | 2162 | 2011 | 1867 |
| | TGA | 200 | AB | 60165 | 20 | " | Deer/Elk/Moose Sized Game | | 3,050 | 2885 | 2726 | 2573 | 2524 | 2282 | 2144 | 2010 | 1882 |
| | TGA-LR | 210 | ABLR | 60129 | 20 | " | Deer/Elk/Moose Sized Game | | 2,920 | 2777 | 2638 | 2502 | 2371 | 2244 | 2120 | 2001 | 1885 |
| **30-378 WBY Magnum** | TGA | 180 | AB | 60094 | 20 | 1-10" | Deer/Elk/Moose Sized Game | | 3,400 | 3193 | 2997 | 2809 | 2628 | 2455 | 2288 | 2128 | 1974 |
| | NCA | 180 | PT | 23001 | 20 | " | Deer/Elk/Moose Sized Game | | 3,400 | 3179 | 2970 | 2770 | 2579 | 2396 | 2221 | 2052 | 1892 |
| | TGA-LR | 210 | ABLR | 60133 | 20 | " | Deer/Elk/Moose Sized Game | | 3,040 | 2895 | 2752 | 2614 | 2479 | 2348 | 2221 | 2099 | 1980 |
| **8x57 JS Mauser** | NCA | 180 | BT | 24605 | 20 | 1-10" | Deer/Elk Sized Game | | 2,575 | 2353 | 2142 | 1942 | 1754 | 1580 | 1423 | 1286 | 1172 |
| | ETA | 180 | ET | 40643 | 20 | " | Deer/Elk/Moose Sized Game | XX | 2,550 | 2346 | 2151 | 1966 | 1791 | 1627 | 1477 | 1342 | 1226 |
| | NCA | 200 | AB | 24610 | 20 | " | Deer/Elk/Moose Sized Game | | 2,475 | 2286 | 2106 | 1935 | 1772 | 1620 | 1480 | 1354 | 1244 |
| **325 WSM** | ETA | 180 | ET | 40146 | 20 | 1-10" | Deer/Elk/Moose Sized Game | XX | 3,050 | 2782 | 2529 | 2290 | 2064 | 1852 | 1656 | 1477 | 1321 |
| | TGA | 200 | AB | 60077 | 20 | " | Deer/Elk/Moose Sized Game | | 2,900 | 2693 | 2495 | 2306 | 2125 | 1953 | 1789 | 1636 | 1494 |
| **8mm Remington Magnum** | NCA | 180 | BT | 24410 | 20 | 1-10" | Deer/Elk/Moose Sized Game | | 3,100 | 2850 | 2614 | 2390 | 2177 | 1976 | 1786 | 1609 | 1449 |
| | NCA | 200 | AB | 24400 | 20 | " | Deer/Elk/Moose Sized Game | | 3,000 | 2788 | 2586 | 2393 | 2209 | 2032 | 1864 | 1706 | 1559 |
| | NCA | 200 | PT | 24405 | 20 | " | Deer/Elk/Moose Sized Game | | 3,000 | 2730 | 2475 | 2234 | 2008 | 1795 | 1600 | 1424 | 1274 |
| **338 Winchester Magnum** | TGA | 210 | PT | 61058 | 20 | 1-10" | Deer/Elk/Moose Sized Game | | 2,850 | 2617 | 2397 | 2186 | 1987 | 1799 | 1624 | 1465 | 1323 |
| | TGA | 225 | AB | 60074 | 20 | " | Deer/Elk/Moose Sized Game | | 2,750 | 2585 | 2427 | 2274 | 2126 | 1984 | 1849 | 1719 | 1597 |
| | ETA | 225 | ET | 40154 | 20 | " | Deer/Elk/Moose Sized Game | XX | 2,750 | 2602 | 2459 | 2320 | 2186 | 2057 | 1932 | 1812 | 1697 |
| | TGA | 250 | AB | 60086 | 20 | " | Deer/Elk/Moose Sized Game | | 2,650 | 2496 | 2347 | 2203 | 2065 | 1931 | 1803 | 1682 | 1567 |
| | TGA | 250 | PT | 60082 | 20 | " | Deer/Elk/Moose Sized Game | | 2,600 | 2415 | 2238 | 2069 | 1907 | 1754 | 1610 | 1478 | 1358 |

| | ENERGY (FT-LBS) | | | | | | | | | DROP IN INCHES (100 YRD ZERO) | | | | | | | | | DROP IN INCHES (200 YRD ZERO) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MZ | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | MZ | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | MZ | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 |
| 2667 | 2232 | 1857 | 1534 | 1257 | 1021 | 823 | 659 | 529 | -1.5 | 0 | -2.8 | -10.9 | -25.2 | -47.3 | -78.9 | -122.2 | -180.2 | -1.5 | 1.4 | 0.0 | -6.6 | -19.6 | -40.2 | -70.3 | -112.2 | -168.8 |
| 2997 | 2527 | 2119 | 1765 | 1459 | 1196 | 973 | 589 | 640 | -1.5 | 0 | -3.1 | -11.7 | -26.8 | -49.9 | -82.7 | -127.5 | -186.9 | -1.5 | 1.5 | 0.0 | -7.0 | -20.6 | -42.2 | -73.5 | -116.7 | -174.6 |
| 2898 | 2448 | 2055 | 1714 | 1419 | 1165 | 951 | 773 | 628 | -1.5 | 0 | -3.2 | -12.1 | -27.8 | -51.6 | -85.5 | -131.5 | -192.6 | -1.5 | 1.6 | 0.0 | -7.3 | -21.3 | -43.5 | -75.7 | -120.2 | -179.6 |
| 3188 | 2768 | 2394 | 2062 | 1766 | 1505 | 1275 | 1075 | 904 | -1.5 | 0 | -3.1 | -11.5 | -26.2 | -48.0 | -78.4 | -118.7 | -170.9 | -1.5 | 1.6 | 0.0 | -6.9 | -20.0 | -40.2 | -69.0 | -107.8 | -158.5 |
| 3188 | 2768 | 2394 | 2062 | 1766 | 1505 | 1275 | 1075 | 904 | -1.5 | 0 | -3.1 | -11.5 | -26.2 | -48.0 | -78.4 | -118.7 | -170.9 | -1.5 | 1.6 | 0.0 | -6.9 | -20.0 | -40.2 | -69.0 | -107.8 | -158.5 |
| 3188 | 2706 | 2285 | 1917 | 1596 | 1320 | 1084 | 887 | 725 | -1.5 | 0 | -3.2 | -12.0 | -27.5 | -51.0 | -84.1 | -129.0 | -188.4 | -1.5 | 1.6 | 0.0 | -7.2 | -21.1 | -42.9 | -74.5 | -117.8 | -175.5 |
| 3081 | 2644 | 2259 | 1919 | 1620 | 1359 | 1134 | 941 | 781 | -1.5 | 0 | -3.3 | -12.3 | -27.9 | -51.4 | -84.3 | -128.5 | -186.2 | -1.5 | 1.7 | 0.0 | -7.3 | -21.3 | -43.1 | -74.4 | -116.9 | -172.9 |
| 2924 | 2570 | 2249 | 1961 | 1703 | 1472 | 1266 | 1082 | 918 | -1.5 | 0 | -3.6 | -12.9 | -28.8 | -52.4 | -84.8 | -127.5 | -182.1 | -1.5 | 1.8 | 0.0 | -7.5 | -21.7 | -43.5 | -74.1 | -115.0 | -167.9 |
| 2924 | 2557 | 2228 | 1933 | 1669 | 1434 | 1227 | 1046 | 890 | -1.5 | 0 | -3.6 | -13.0 | -29.1 | -53.0 | -86.0 | -129.5 | -185.5 | -1.5 | 1.8 | 0.0 | -7.6 | -21.9 | -44.1 | -75.2 | -117.0 | -171.2 |
| 3022 | 2643 | 2303 | 1998 | 1725 | 1483 | 1269 | 1082 | 922 | -1.5 | 0 | -3.8 | -13.6 | -30.3 | -55.2 | -89.4 | -134.6 | -192.6 | -1.5 | 1.9 | 0.0 | -7.9 | -22.8 | -45.8 | -78.1 | -121.4 | -177.6 |
| 3022 | 2655 | 2324 | 2026 | 1760 | 1522 | 1311 | 1124 | 963 | -1.5 | 0 | -3.7 | -13.5 | -30.1 | -54.6 | -88.2 | -132.4 | -189.1 | -1.5 | 1.9 | 0.0 | -7.9 | -22.6 | -45.2 | -77.0 | -119.4 | -174.1 |
| 3022 | 2643 | 2303 | 1998 | 1725 | 1483 | 1269 | 1082 | 922 | -1.5 | 0 | -3.8 | -13.6 | -30.3 | -55.2 | -89.4 | -134.6 | -192.6 | -1.5 | 1.9 | 0.0 | -7.9 | -22.8 | -45.8 | -78.1 | -121.4 | -177.6 |
| 3022 | 2618 | 2258 | 1938 | 1655 | 1405 | 1188 | 1001 | 843 | -1.5 | 0 | -3.8 | -13.8 | -30.9 | -56.5 | -92.0 | -139.2 | -200.3 | -1.5 | 1.9 | 0.0 | -8.1 | -23.3 | -47.0 | -80.5 | -125.8 | -185.0 |
| 3075 | 2740 | 2433 | 2154 | 1901 | 1673 | 1465 | 1277 | 1108 | -1.5 | 0 | -3.9 | -13.7 | -30.5 | -54.9 | -88.1 | -131.3 | -186.1 | -1.5 | 1.9 | 0.0 | -8 | -22.7 | -45.2 | -76.5 | -117.8 | -170.6 |
| 3410 | 2940 | 2526 | 2160 | 1838 | 1554 | 1306 | 1090 | 906 | -1.5 | 0 | -2.4 | -9.5 | -21.9 | -40.6 | -66.8 | -101.9 | -147.6 | -1.5 | 1.2 | 0.0 | -5.8 | -17 | -34.5 | -59.5 | -93.3 | -137.8 |
| 3352 | 2849 | 2410 | 2026 | 1691 | 1402 | 1154 | 944 | 772 | -1.5 | 0 | -3.0 | -11.3 | -25.8 | -48.0 | -79.2 | -121.5 | -177.4 | -1.5 | 1.5 | 0.0 | -6.8 | -19.9 | -40.5 | -70.3 | -111.1 | -165.5 |
| 3478 | 3019 | 2610 | 2247 | 1924 | 1639 | 1388 | 1170 | 983 | -1.5 | 0 | -3.1 | -11.5 | -26.2 | -48.1 | -78.4 | -118.8 | -171.1 | -1.5 | 1.6 | 0.0 | -6.9 | -20.0 | -40.3 | -69.1 | -107.9 | -158.7 |
| 3361 | 2942 | 2567 | 2230 | 1929 | 1661 | 1423 | 1214 | 1032 | -1.5 | 0 | -3.2 | -11.9 | -26.8 | -48.9 | -79.3 | -119.6 | -171.4 | -1.5 | 1.6 | 0.0 | -7 | -20.3 | -40.8 | -69.7 | -108.3 | -158.4 |
| 3577 | 3114 | 2702 | 2336 | 2010 | 1720 | 1464 | 1240 | 1045 | -1.5 | 0 | -2.6 | -9.9 | -22.7 | -41.8 | -68.4 | -103.6 | -149.2 | -1.5 | 1.3 | 0.0 | -6 | -17.5 | -35.3 | -60.6 | -94.5 | -138.8 |
| 3478 | 3047 | 2661 | 2315 | 2004 | 1728 | 1482 | 1265 | 1077 | -1.5 | 0 | -3.1 | -11.4 | -25.7 | -46.9 | -76.2 | -114.9 | -164.6 | -1.5 | 1.5 | 0.0 | -6.8 | -19.5 | -39.2 | -67.0 | -104.2 | -152.4 |
| 3361 | 2954 | 2589 | 2260 | 1964 | 1700 | 1464 | 1256 | 1074 | -1.5 | 0 | -3.2 | -11.8 | -26.5 | -48.4 | -78.4 | -117.9 | -168.5 | -1.5 | 1.6 | 0.0 | -7.0 | -20.1 | -40.3 | -68.7 | -106.7 | -155.7 |
| 3487 | 3117 | 2778 | 2468 | 2186 | 1930 | 1699 | 1489 | 1299 | -1.5 | 0 | -3.2 | -11.7 | -26.1 | -47.3 | -76.1 | -113.5 | -160.7 | -1.5 | 1.6 | 0.0 | -6.9 | -19.7 | -39.3 | -66.4 | -102.2 | -147.9 |
| 3520 | 2996 | 2538 | 2138 | 1789 | 1486 | 1225 | 1004 | 821 | -1.5 | 0 | -2.8 | -10.5 | -24.3 | -45.2 | -74.7 | -114.6 | -167.3 | -1.5 | 1.4 | 0.0 | -6.4 | -18.8 | -38.3 | -66.4 | -105 | -156.2 |
| 3477 | 3052 | 2671 | 2328 | 2020 | 1745 | 1500 | 1284 | 1096 | -1.5 | 0 | -3.1 | -11.3 | -25.6 | -46.7 | -75.8 | -114.2 | -163.4 | -1.5 | 1.5 | 0.0 | -6.7 | -19.4 | -39.0 | -66.6 | -103.5 | -151.2 |
| 3477 | 3019 | 2610 | 2247 | 1924 | 1639 | 1388 | 1170 | 983 | -1.5 | 0 | -3.1 | -11.5 | -26.2 | -48.1 | -78.4 | -118.8 | -171.1 | -1.5 | 1.6 | 0.0 | -6.9 | -20.0 | -40.3 | -69.1 | -107.9 | -158.7 |
| 3477 | 3052 | 2671 | 2328 | 2020 | 1745 | 1500 | 1284 | 1096 | -1.5 | 0 | -3.1 | -11.3 | -25.6 | -46.7 | -75.8 | -114.2 | -163.4 | -1.5 | 1.5 | 0.0 | -6.7 | -19.4 | -39.0 | -66.6 | -103.5 | -151.2 |
| 3478 | 3065 | 2694 | 2360 | 2058 | 1788 | 1547 | 1333 | 1144 | -1.5 | 0 | -3.0 | -11.2 | -25.3 | -46.2 | -74.8 | -112.5 | -160.6 | -1.5 | 1.5 | 0.0 | -6.7 | -19.3 | -38.6 | -65.7 | -101.8 | -148.4 |
| 3474 | 3106 | 2768 | 2459 | 2178 | 1923 | 1692 | 1483 | 1293 | -1.5 | 0 | -3.2 | -11.8 | -26.3 | -47.5 | -76.4 | -113.9 | -161.4 | -1.5 | 1.6 | 0.0 | -6.9 | -19.8 | -39.4 | -66.7 | -102.6 | -148.5 |
| 3481 | 3100 | 2753 | 2437 | 2150 | 1890 | 1655 | 1445 | 1258 | -1.5 | 0 | -3.5 | -12.6 | -28 | -50.6 | -81.4 | -121.6 | -172.4 | -1.5 | 1.7 | 0.0 | -7.4 | -21.1 | -41.9 | -71 | -109.4 | -158.5 |
| 3357 | 2915 | 2520 | 2168 | 1856 | 1580 | 1340 | 1132 | 956 | -1.5 | 0 | -3.8 | -13.7 | -30.8 | -56.2 | -91.4 | -138.1 | -198.5 | -1.5 | 1.9 | 0.0 | -8.0 | -23.2 | -46.7 | -80.0 | -124.8 | -183.3 |
| 3526 | 3194 | 2886 | 2603 | 2341 | 2101 | 1881 | 1679 | 1493 | -1.5 | 0 | -3.6 | -12.8 | -28.2 | -50.6 | -80.6 | -119.3 | -167.7 | -1.5 | 1.8 | 0.0 | -7.4 | -21.0 | -41.6 | -69.9 | -106.8 | -153.4 |
| 3246 | 2839 | 2475 | 2148 | 1855 | 1595 | 1365 | 1163 | 989 | -1.5 | 0 | -3.4 | -12.4 | -27.9 | -50.9 | -82.7 | -124.6 | -178.5 | -1.5 | 1.7 | 0 | -7.3 | -21.1 | -42.4 | -72.5 | -112.7 | -164.9 |
| 3246 | 2813 | 2427 | 2084 | 1780 | 1511 | 1277 | 1075 | 903 | -1.5 | 0 | -3.4 | -12.6 | -28.5 | -52.2 | -85.1 | -128.9 | -185.6 | -1.5 | 1.7 | 0 | -7.5 | -21.6 | -43.6 | -74.7 | -116.8 | -171.9 |
| 4028 | 3546 | 3114 | 2726 | 2378 | 2065 | 1785 | 1536 | 1316 | -1.5 | 0 | -2.4 | -9.3 | -21.3 | -39.1 | -63.7 | -96.1 | -137.5 | -1.5 | 1.2 | 0.0 | -5.7 | -16.5 | -33.1 | -56.4 | -87.6 | -127.8 |
| 3717 | 3281 | 2887 | 2533 | 2214 | 1927 | 1669 | 1440 | 1238 | -1.5 | 0 | -2.7 | -10.3 | -23.3 | -42.7 | -69.2 | -104.1 | -148.6 | -1.5 | 1.4 | 0.0 | -6.2 | -17.9 | -35.8 | -61.0 | -94.5 | -137.7 |
| 4028 | 3515 | 3058 | 2651 | 2287 | 1964 | 1677 | 1425 | 1205 | -1.5 | 0 | -2.5 | -9.5 | -21.7 | -40.1 | -65.5 | -99.2 | -142.7 | -1.5 | 1.2 | 0.0 | -5.8 | -16.8 | -33.9 | -58.1 | -90.6 | -132.9 |
| 3721 | 3360 | 3026 | 2719 | 2436 | 2178 | 1942 | 1726 | 1528 | -1.5 | 0 | -3.3 | -12.0 | -26.7 | -48.0 | -76.7 | -113.8 | -160.4 | -1.5 | 1.7 | 0.0 | -7.0 | -20.0 | -39.7 | -66.8 | -102.2 | -147.1 |
| 4092 | 3606 | 3168 | 2774 | 2422 | 2105 | 1822 | 1570 | 1347 | -1.5 | 0 | -2.4 | -9.1 | -20.9 | -38.4 | -62.5 | -94.3 | -134.9 | -1.5 | 1.2 | 0.0 | -5.6 | -16.2 | -32.5 | -55.4 | -86.0 | -125.4 |
| 3856 | 3402 | 2993 | 2625 | 2294 | 1997 | 1730 | 1492 | 1282 | -1.5 | 0 | -2.6 | -9.8 | -22.4 | -41.0 | -66.5 | -100.1 | -143.1 | -1.5 | 1.3 | 0.0 | -5.9 | -17.2 | -34.5 | -58.8 | -91.1 | -132.7 |
| 3996 | 3569 | 3179 | 2825 | 2503 | 2210 | 1944 | 1704 | 1489 | -1.5 | 0 | -2.8 | -10.5 | -23.7 | -43.0 | -69.3 | -103.6 | -147.0 | -1.5 | 1.4 | 0.0 | -6.3 | -18.0 | -35.9 | -60.8 | -93.7 | -135.6 |
| 3996 | 3479 | 3018 | 2607 | 2241 | 1916 | 1629 | 1379 | 1163 | -1.5 | 0 | -2.9 | -11.0 | -25.0 | -45.9 | -74.9 | -113.4 | -163.1 | -1.5 | 1.5 | 0.0 | -6.6 | -19.1 | -38.6 | -66.1 | -103.1 | -151.3 |
| 4196 | 3801 | 3434 | 3095 | 2782 | 2494 | 2231 | 1990 | 1770 | -1.5 | 0 | -2.8 | -10.3 | -23.0 | -41.5 | -66.6 | -98.9 | -139.4 | -1.5 | 1.4 | 0.0 | -6.1 | -17.5 | -34.6 | -58.3 | -89.3 | -128.4 |
| 4110 | 3518 | 3001 | 2549 | 2152 | 1806 | 1504 | 1244 | 1023 | -1.5 | 0 | -2.1 | -8.5 | -19.9 | -37.2 | -61.6 | -94.5 | -137.6 | -1.5 | 1.1 | 0.0 | -5.3 | -15.6 | -31.9 | -55.2 | -87.0 | -129.1 |
| 4220 | 3719 | 3269 | 2866 | 2503 | 2177 | 1885 | 1625 | 1394 | -1.5 | 0 | -2.2 | -8.7 | -20.1 | -37.0 | -60.3 | -91.0 | -130.2 | -1.5 | 1.1 | 0.0 | -5.4 | -15.6 | -31.4 | -53.6 | -83.1 | -121.2 |
| 4092 | 3571 | 3108 | 2696 | 2327 | 2000 | 1709 | 1453 | 1229 | -1.5 | 0 | -2.4 | -9.3 | -21.3 | -39.3 | -64.3 | -97.4 | -140.1 | -1.5 | 1.2 | 0.0 | -5.7 | -16.5 | -33.3 | -57.1 | -89.0 | -130.5 |
| 4092 | 3618 | 3191 | 2807 | 2460 | 2148 | 1868 | 1617 | 1394 | -1.5 | 0 | -2.3 | -9.0 | -20.7 | -38.0 | -61.8 | -93.0 | -132.9 | -1.5 | 1.2 | 0.0 | -5.5 | -16.0 | -32.2 | -54.8 | -84.8 | -123.5 |
| 4130 | 3696 | 3301 | 2941 | 2612 | 2313 | 2041 | 1795 | 1573 | -1.5 | 0 | -2.7 | -10 | -22.6 | -41.2 | -66.4 | -99.2 | -140.5 | -1.5 | 1.3 | 0.0 | -6 | -17.3 | -34.5 | -58.3 | -89.8 | -129.8 |
| 3975 | 3596 | 3244 | 2920 | 2621 | 2347 | 2096 | 1867 | 1657 | -1.5 | 0 | -3.0 | -11.0 | -24.6 | -44.3 | -71.0 | -105.4 | -148.5 | -1.5 | 1.5 | 0.0 | -6.5 | -18.6 | -36.8 | -62.0 | -94.9 | -136.5 |
| 4619 | 4076 | 3589 | 3153 | 2761 | 2409 | 2093 | 1810 | 1558 | -1.5 | 0 | -1.9 | -7.7 | -17.9 | -33.1 | -54.1 | -81.8 | -117.1 | -1.5 | 1 | 0.0 | -4.8 | -14.1 | -28.4 | -48.4 | -75.1 | -109.5 |
| 4619 | 4040 | 3525 | 3067 | 2659 | 2295 | 1971 | 1683 | 1430 | -1.5 | 0 | -1.9 | -7.8 | -18.3 | -33.9 | -55.6 | -84.4 | -121.5 | -1.5 | 1 | 0.0 | -4.9 | -14.4 | -29.1 | -49.8 | -77.6 | -113.7 |
| 4309 | 3906 | 3532 | 3185 | 2865 | 2570 | 2301 | 2054 | 1828 | -1.5 | 0 | -2.7 | -9.9 | -22.2 | -40.2 | -64.5 | -95.9 | -135.2 | -1.5 | 1.3 | 0.0 | -5.9 | -16.9 | -33.6 | -56.6 | -86.6 | -124.6 |
| 2650 | 2212 | 1833 | 1507 | 1230 | 998 | 809 | 660 | 549 | -1.5 | 0 | -4.8 | -17.2 | -38.9 | -71.8 | -118.8 | -183 | -268.2 | -1.5 | 2.4 | 0.0 | -10 | -29.3 | -59.8 | -104.4 | -166.2 | -249 |
| 2599 | 2199 | 1849 | 1544 | 1281 | 1058 | 871 | 720 | 601 | -1.5 | 0 | -4.8 | -17.2 | -38.6 | -70.9 | -116.3 | -177.7 | -258.5 | -1.5 | 2.4 | 0.0 | -10.0 | -28.9 | -58.8 | -101.8 | -160.8 | -239.2 |
| 2719 | 2321 | 1970 | 1662 | 1395 | 1166 | 973 | 814 | 688 | -1.5 | 0 | -5.2 | -18.2 | -40.5 | -73.9 | -120.6 | -183.2 | -264.7 | -1.5 | 2.6 | 0.0 | -10.4 | -30.2 | -61.0 | -105.1 | -165.1 | -244.1 |
| 3717 | 3093 | 2557 | 2097 | 1703 | 1371 | 1096 | 872 | 698 | -1.5 | 0 | -3.0 | -11.5 | -26.6 | -49.9 | -83.3 | -129.5 | -191.7 | -1.5 | 1.5 | 0.0 | -7.0 | -20.6 | -42.3 | -74.3 | -119.0 | -179.7 |
| 3734 | 3220 | 2765 | 2362 | 2006 | 1693 | 1422 | 1188 | 992 | -1.5 | 0 | -3.3 | -12.2 | -27.6 | -50.8 | -83.0 | -126.3 | -182.5 | -1.5 | 1.7 | 0.0 | -7.2 | -21.0 | -42.5 | -73.2 | -114.7 | -169.2 |
| 3840 | 3247 | 2731 | 2283 | 1895 | 1560 | 1274 | 1035 | 839 | -1.5 | 0 | -2.8 | -10.7 | -24.7 | -46.0 | -76.3 | -117.5 | -172.2 | -1.5 | 1.4 | 0.0 | -6.5 | -19.1 | -39.0 | -67.9 | -107.8 | -161.1 |
| 3996 | 3452 | 2971 | 2544 | 2166 | 1834 | 1543 | 1293 | 1079 | -1.5 | 0 | -3.0 | -11.2 | -25.4 | -46.8 | -76.7 | -116.5 | -168.4 | -1.5 | 1.5 | 0.0 | -6.7 | -19.5 | -39.4 | -67.7 | -106.1 | -156.4 |
| 3996 | 3390 | 2720 | 2217 | 1790 | 1431 | 1136 | 901 | 721 | -1.5 | 0 | -3.2 | -12.1 | -27.9 | -52.4 | -87.8 | -136.8 | -202.9 | -1.5 | 1.6 | 0.0 | -7.3 | -21.6 | -44.5 | -78.2 | -125.6 | -190.2 |
| 3787 | 3194 | 2678 | 2229 | 1841 | 1509 | 1230 | 1000 | 816 | -1.5 | 0 | -3.6 | -13.2 | -30.2 | -56 | -92.5 | -142.3 

# AMMUNITION
## APPENDIX

* 22 Nosler test bbl 24"
* 5.56 test bbl 16"
* 6.8 SPC test bbl 20"
* 300 Blk test bbl 16"
* 7.62x51 test bbl 18"
*26,27,28,30,33 Nosler test bbl 26"

| | |
|---|---|
| BTA | Ballistic Tip Ammunition |
| BTV | Ballistic Tip Varmint Ammunition |
| DEFENSE | Defense Ammunition |
| ETA | Expansion Tip Ammunition |
| MGA | Match Grade Ammunition |
| SAFARI | Safari Dangerous Game Ammunition |
| TGA | Trophy Grade Ammunition |
| TGA-LR | Trophy Grade (LONG RANGE) Ammunition |
| VMG | Varmageddon Ammunition |
| WCA | Whitetail Country Ammunition |

| | |
|---|---|
| FBHP | Flat Base Hollow Point |
| HPBT | Hollow Point Boat Tail |
| SP | Spitzer |
| T-BND | Tipped Bonded |
| JHP | Jacketed Hollow Point |
| B-JHP | Bonded Jacketed Hollow Point |
| PT | Partition |
| BTLF | Ballistic Tip Lead Free |

| | |
|---|---|
| ET | Expansion Tip |
| SD | Solid |
| BT | Ballistic Tip |
| AB | AccuBond |
| CC | Custom Competition |
| ABLR | AccuBond Long Range |
| BT RN | Ballistic Tip Round Nose |
| RDF | Reduced Drag Factor |

| | |
|---|---|
| LF | Lead-Free |
| MZL | Muzzle |
| SB | Solid Base |
| SB-RN | Solid Base Round Nose |
| SD | Solid |
| SW | Straightwall |

## RIFLE

| CARTRIDGE | BRAND | BULLET WEIGHT | BULLET STYLE | PART # | COUNT | BBL TWIST RQMT | FOR USE | LEAD FREE | VELOCITY (FPS) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | MZ | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 |
| **338 RUM** | TGA | 225 | AB | 60083 | 20 | 1-10" | Deer/Elk/Moose Sized Game | | 2,975 | 2802 | 2636 | 2475 | 2321 | 2171 | 2028 | 1890 | 1759 |
| **338 Lapua Magnum** | NCA | 250 | AB | 28075 | 20 | 1-10" | Deer/Elk/Moose Sized Game | | 2,850 | 2689 | 2533 | 2384 | 2239 | 2099 | 1964 | 1835 | 1711 |
| | MGA | 250 | CC | 43205 | 20 | " | Targets | | 2,900 | 2739 | 2584 | 2434 | 2289 | 2149 | 2014 | 1885 | 1760 |
| | MGA | 300 | HPBT | 43136 | 20 | " | Targets | | 2,650 | 2533 | 2420 | 2309 | 2202 | 2097 | 1995 | 1896 | 1801 |
| | TGA | 300 | AB | 49323 | 20 | " | Deer/Elk/Moose Sized Game | | 2,650 | 2526 | 2406 | 2289 | 2176 | 2066 | 1959 | 1855 | 1755 |
| | NCA | 300 | ABLR | 28087 | 20 | " | Deer/Elk/Moose Sized Game | | 2,650 | 2535 | 2423 | 2313 | 2207 | 2104 | 2003 | 1905 | 1809 |
| **33 Nosler** | TGA | 225 | AB | 60098 | 20 | 1-10" | Deer/Elk/Moose Sized Game | | 3,025 | 2856 | 2687 | 2525 | 2369 | 2218 | 2072 | 1933 | 1799 |
| | ETA | 225 | ET | 40042 | 20 | " | Deer/Elk/Moose Sized Game | XX | 2,850 | 2696 | 2548 | 2404 | 2265 | 2131 | 2001 | 1876 | 1756 |
| | TGA | 250 | PT | 60134 | 20 | " | Deer/Elk/Moose Sized Game | | 2,750 | 2557 | 2372 | 2195 | 2025 | 1863 | 1710 | 1568 | 1437 |
| | TGA-LR | 265 | ABLR | 60099 | 20 | " | Deer/Elk/Moose Sized Game | | 2,775 | 2649 | 2527 | 2407 | 2291 | 2178 | 2069 | 1962 | 1859 |
| **350 Legend** | WCA | 180 | SW | 40130 | 20 | 1-16" | Deer | | 2,100 | 1788 | 1512 | 1282 | 1113 | X | X | X | X |
| **350 Remington Magnum** | NCA | 225 | PT | 31010 | 20 | 1-16" | Deer/Elk/Moose Sized Game | | 2,550 | 2349 | 2158 | 1976 | 1804 | 1643 | 1494 | 1361 | 1246 |
| **35 Whelen** | TGA | 225 | AB | 60081 | 20 | 1-16" | Deer/Elk/Moose Sized Game | | 2,700 | 2490 | 2290 | 2099 | 1918 | 1747 | 1588 | 1442 | 1313 |
| | NCA | 225 | PT | 30016 | 20 | " | Deer/Elk/Moose Sized Game | | 2,650 | 2438 | 2237 | 2044 | 1862 | 1691 | 1533 | 1390 | 1266 |
| | NCA | 250 | PT | 30020 | 20 | " | Deer/Elk/Moose Sized Game | | 2,550 | 2356 | 2172 | 1995 | 1828 | 1671 | 1525 | 1393 | 1277 |
| **400 Legend** | WCA | 215 | SW | 40138 | 20 | 1-16" | Deer | | 2,250 | 1882 | 1556 | 1288 | 1099 | X | X | X | X |
| **45-70 Government** | WCA | 300 | SW | 40145 | 20 | 1-20" | Deer | | 1,950 | 1577 | 1275 | 1073 | 957 | X | X | X | X |

| | ENERGY (FT-LBS) | | | | | | | | | DROP IN INCHES (100 YRD ZERO) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MZ | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | MZ | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 |
| 4421 | 3922 | 3470 | 3061 | 2691 | 2356 | 2054 | 1785 | 1545 | -1.5 | 0 | -2.9 | -10.9 | -24.5 | -44.6 | -72.0 | -108.0 | -153.6 |
| 4508 | 4013 | 3563 | 3154 | 2782 | 2445 | 2141 | 1869 | 1626 | -1.5 | 0 | -3.3 | -12.0 | -26.9 | -48.7 | -78.4 | -117.1 | -166.2 |
| 4668 | 4164 | 3706 | 3289 | 2909 | 2564 | 2252 | 1971 | 1720 | -1.5 | 0 | -3.1 | -11.5 | -25.7 | -46.6 | -75 | -111.9 | -158.7 |
| 4677 | 4275 | 3901 | 3553 | 3230 | 2929 | 2652 | 2396 | 2161 | -1.5 | 0 | -3.9 | -13.8 | -30.1 | -53.7 | -85.1 | -125.3 | -175.2 |
| 4677 | 4251 | 3857 | 3492 | 3154 | 2842 | 2555 | 2293 | 2053 | -1.5 | 0 | -3.9 | -13.9 | -30.5 | -54.4 | -86.5 | -127.6 | -178.9 |
| 4677 | 4280 | 3909 | 3564 | 3244 | 2947 | 2672 | 2417 | 2180 | -1.5 | 0 | -3.9 | -13.7 | -30.1 | -53.6 | -84.9 | -124.9 | -174.5 |
| 4589 | 4074 | 3608 | 3185 | 2803 | 2457 | 2145 | 1866 | 1617 | -1.5 | 0 | -2.8 | -10.4 | -23.4 | -42.6 | -69.0 | -103.4 | -147.1 |
| 4057 | 3632 | 3243 | 2888 | 2563 | 2268 | 2000 | 1758 | 1541 | -1.5 | 0 | -3.3 | -11.9 | -26.6 | -48 | -77.2 | -115 | -162.7 |
| 4197 | 3629 | 3122 | 2673 | 2275 | 1927 | 1624 | 1364 | 1145 | -1.5 | 0 | -3.8 | -13.8 | -31.1 | -56.8 | -92.6 | -140.3 | -202.2 |
| 4530 | 4129 | 3755 | 3409 | 3087 | 2791 | 2517 | 2265 | 2032 | -1.5 | 0 | -3.5 | -12.4 | -27.3 | -48.8 | -77.7 | -114.7 | -160.7 |
| 1762 | 1278 | 913 | 657 | 495 | X | X | X | X | -1.5 | 0 | -9.5 | -34.3 | -80.4 | X | X | X | X |
| 3248 | 2758 | 2327 | 1951 | 1626 | 1348 | 1116 | 926 | 775 | -1.5 | 0 | -4.8 | -17.1 | -38.3 | -70 | -115 | -176 | -255 |
| 3642 | 3098 | 2620 | 2202 | 1838 | 1524 | 1259 | 1039 | 861 | -1.5 | 0 | -4.1 | -14.9 | -33.6 | -61.7 | -101.3 | -154.7 | -224.9 |
| 3508 | 2970 | 2499 | 2087 | 1732 | 1429 | 1174 | 966 | 800 | -1.5 | 0 | -4.4 | -15.7 | -35.4 | -65.1 | -107 | -163.8 | -238.6 |
| 3609 | 3083 | 2618 | 2210 | 1855 | 1550 | 1291 | 1077 | 905 | -1.5 | 0 | -4.8 | -16.9 | -37.8 | -69.2 | -113.0 | -171.8 | -248.5 |
| 2416 | 1690 | 1156 | 792 | 576 | X | X | X | X | -1.5 | 0 | -8.4 | -31.4 | -75.5 | X | X | X | X |
| 2533 | 1656 | 1082 | 767 | 610 | X | X | X | X | -1.5 | 0 | -12.7 | -46.9 | -111.2 | X | X | X | X |

| | DROP IN INCHES (200 YRD ZERO) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MZ | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 |
| -1.5 | 1.5 | 0.0 | -6.5 | -18.6 | -37.2 | -63.2 | -97.7 | -141.9 |
| -1.5 | 1.7 | 0.0 | -7.1 | -20.3 | -40.4 | -68.5 | -105.5 | -152.9 |
| -1.5 | 1.6 | 0.0 | -6.8 | -19.4 | -38.7 | -65.6 | -101 | -146.2 |
| -1.5 | 2.0 | 0.0 | -7.9 | -22.3 | -43.9 | -73.4 | -111.6 | -159.5 |
| -1.5 | 2.0 | 0.0 | -8.0 | -22.6 | -44.5 | -74.7 | -113.8 | -163.1 |
| -1.5 | 2.0 | 0.0 | -7.9 | -22.3 | -43.8 | -73.2 | -111.2 | -158.9 |
| -1.5 | 1.4 | 0.0 | -6.2 | -17.9 | -35.7 | -60.7 | -93.7 | -136.1 |
| -1.5 | 1.6 | 0.0 | -7 | -20 | -39.8 | -67.3 | -103.5 | -149.5 |
| -1.5 | 1.9 | 0.0 | -8.1 | -23.4 | -47.3 | -81.2 | -126.9 | -186.9 |
| -1.5 | 1.7 | 0.0 | -7.2 | -20.4 | -40.2 | -67.3 | -102.6 | -146.9 |
| -1.5 | 4.7 | 0.0 | -20.1 | -61.4 | X | X | X | X |
| -1.5 | 2.4 | 0.0 | -9.9 | -28.7 | -58 | -101 | -159 | -236 |
| -1.5 | 2.1 | 0.0 | -8.7 | -25.3 | -51.4 | -88.9 | -140.3 | -208.4 |
| -1.5 | 2.2 | 0.0 | -9.2 | -26.6 | -54.2 | -93.9 | -148.5 | -221.1 |
| -1.5 | 2.4 | 0.0 | -9.8 | -28.3 | -57.2 | -98.7 | -155.1 | -229.4 |
| -1.5 | 4.2 | 0.0 | -18.7 | -58.6 | X | X | X | X |
| -1.5 | 6.3 | 0.0 | -27.9 | -85.8 | X | X | X | X |

| CARTRIDGE | BRAND | BULLET WEIGHT | BULLET STYLE | PART # | COUNT | BBL TWIST RQMT | FOR USE | VELOCITY (FPS) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | MZ | 50 | 100 | 150 | 200 | 250 | 300 |
| **9.3x62 Mauser** | TGA | 250 | AB | 48634 | 20 | 1-10" | Bear/Moose | 2,550 | 2462 | 2376 | 2291 | 2208 | 2127 | 2048 |
| | ETA | 250 | ET | 40393 | 20 | " | Bear/Moose | 2,425 | 2338 | 2253 | 2170 | 2088 | 2008 | 1930 |
| | SAFARI | 286 | PT | 40602 | 20 | " | Bear/Moose- Dangerous Game | 2,350 | 2263 | 2179 | 2096 | 2015 | 1936 | 1859 |
| | SAFARI | 286 | SD | 40604 | 20 | " | Dangerous Game | 2,400 | 2280 | 2163 | 2050 | 1941 | 1835 | 1733 |
| **375 H&H Magnum** | NCA | 260 | AB | 34010 | 20 | 1-12" | Bear/Moose- Dangerous Game | 2,756 | 2657 | 2559 | 2464 | 2371 | 2280 | 2191 |
| | ETA | 260 | ET | 40395 | 20 | " | Bear/Moose- Dangerous Game | 2,700 | 2606 | 2514 | 2423 | 2335 | 2248 | 2163 |
| | TGA | 260 | PT | 60090 | 20 | " | Bear/Moose- Dangerous Game | 2,750 | 2605 | 2466 | 2330 | 2199 | 2072 | 1949 |
| | TGA | 300 | AB | 60070 | 20 | " | Bear/Moose- Dangerous Game | 2,400 | 2313 | 2228 | 2144 | 2063 | 1983 | 1905 |
| | TGA | 300 | PT | 40606 | 20 | " | Bear/Moose- Dangerous Game | 2,450 | 2343 | 2239 | 2137 | 2038 | 1942 | 1849 |
| | TGA | 300 | SD | 40608 | 20 | " | Dangerous Game | 2,550 | 2405 | 2265 | 2130 | 2000 | 1874 | 1754 |
| **470 Nitro Express** | SAFARI | 500 | SD | 40632 | 10 | 1-16" | Dangerous Game | 2,100 | 1937 | 1782 | 1637 | 1502 | 1380 | 1272 |
| **500 Nitro Express** | SAFARI | 570 | SD | 40638 | 10 | 1-20" | Dangerous Game | 2,100 | 1944 | 1797 | 1657 | 1527 | 1408 | 1301 |

| | ENERGY (FT LBS) | | | | | | | DROP IN INCHES 50YD ZERO IRON SIGHT | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MZ | 50 | 100 | 150 | 200 | 250 | 300 | MZ | 50 | 100 | 150 | 200 | 250 | 300 |
| 3609 | 3364 | 3133 | 2914 | 2707 | 2512 | 2328 | -0.8 | 0.0 | -0.6 | -2.8 | -6.6 | -12.2 | -19.8 |
| 3264 | 3034 | 2817 | 2612 | 2419 | 2238 | 2067 | -0.8 | 0.0 | -0.8 | -3.3 | -7.6 | -14 | -22.5 |
| 3506 | 3253 | 3014 | 2790 | 2578 | 2380 | 2194 | -0.8 | 0.0 | -0.9 | -3.6 | -8.3 | -15.2 | -24.3 |
| 3657 | 3301 | 2972 | 2669 | 2392 | 2138 | 1908 | -0.8 | 0.0 | -0.9 | -3.6 | -8.4 | -15.5 | -25.2 |
| 4386 | 4075 | 3782 | 3506 | 3246 | 3001 | 2771 | -0.8 | 0.0 | -0.4 | -2.2 | -5.4 | -10.1 | -16.5 |
| 4208 | 3920 | 3647 | 3390 | 3147 | 2918 | 2701 | -0.8 | 0.0 | -0.5 | -2.3 | -5.7 | -10.6 | -17.3 |
| 4365 | 3919 | 3510 | 3135 | 2792 | 2478 | 2194 | -0.8 | 0.0 | -0.5 | -2.4 | -5.9 | -11.2 | -18.6 |
| 3836 | 3563 | 3306 | 3063 | 2834 | 2620 | 2418 | -0.8 | 0.0 | -0.8 | -3.4 | -7.9 | -14.4 | -23.1 |
| 3997 | 3656 | 3338 | 3042 | 2767 | 2512 | 2277 | -0.8 | 0.0 | -0.8 | -3.3 | -7.7 | -14.2 | -23.1 |
| 4330 | 3854 | 3419 | 3023 | 2665 | 2341 | 2050 | -0.8 | 0.0 | -0.7 | -3.1 | -7.4 | -13.9 | -22.9 |
| 4895 | 4165 | 3527 | 2975 | 2506 | 2114 | 1796 | -0.8 | 0.0 | -1.5 | -5.8 | -13.3 | -24.7 | -40. |
| 5580 | 4786 | 4086 | 3477 | 2953 | 2510 | 2144 | -0.8 | 0.0 | -1.5 | -5.7 | -13.1 | -24.2 | -39.7 |

| | DROP IN INCHES 100YD ZERO IRON SIGHT | | | | | | |
|---|---|---|---|---|---|---|---|
| MZ | 50 | 100 | 150 | 200 | 250 | 300 |
| -0.8 | +0.3 | 0.0 | -1.9 | -5.4 | -10.7 | -17.9 |
| -0.8 | 0.4 | 0.0 | -2.1 | -6.1 | -12 | -20.1 |
| -0.8 | +0.4 | 0.0 | -2.3 | -6.5 | -12.9 | -21.6 |
| -0.8 | +0.4 | 0.0 | -2.3 | -6.7 | -13.3 | -22.6 |
| -0.8 | +0.2 | 0.0 | -1.5 | -4.5 | -9.0 | -15.2 |
| -0.8 | +0.2 | 0.0 | -1.6 | -4.7 | -9.4 | -15.8 |
| -0.8 | +0.2 | 0.0 | -1.7 | -4.9 | -10.0 | -17.1 |
| -0.8 | +0.4 | 0.0 | -2.2 | -6.2 | -12.3 | -20.6 |
| -0.8 | +0.4 | 0.0 | -2.1 | -6.2 | -12.3 | -20.7 |
| -0.8 | +0.4 | 0.0 | -2.0 | -6.0 | -12.1 | -20.8 |
| -0.8 | +0.8 | 0.0 | -3.5 | -10.3 | -20.9 | -36.0 |
| -0.8 | +0.8 | 0.0 | -3.4 | -10.1 | -20.4 | -35.1 |

# NOTES

# NOTES

NOSLER.COM
800.285.3701

Printed in the U.S.A.
107 S.W. Columbia St. Bend, OR 97702

Follow Nosler Online